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Mission-Driven Learning Theory: Ordering Knowledge and Competence to Life Mission

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Abstract: Background: Prevailing learning theories refine the means of education—behaviour, cognition, construction, connection, competence, yet leave its end (telos) to chance, producing graduates skilled but mission-adrift. **Purpose:** This paper advances Mission-Driven Learning Theory (MDLT), a teleological framework that realigns knowledge and competence with a discerned life mission under God, thereby restoring purpose to the centre of educational design. **Design/methodology/approach:** Integrating insights from behaviourism, cognitivism, constructivism, connectivism, competency-based education, vocational psychology, purpose research, and theology of work, we distil ten constructs—Mission, Calling Discernment, Giftedness, Formation, Competence, Alignment, Seasonality, Community Confirmation, Agency, Stewardship—and weave them into a causal model. Six empirically testable propositions link mission clarity and competence to alignment, persistence, well-being, and societal impact. We translate the model into a curricular architecture featuring discernment exercises, personalised pathways, reflective portfolios, and a Mission Alignment Index. ***Findings:*** MDLT explains variance left unresolved by competence-only or motivation-only models, predicting that alignment mediates the relationship between mission clarity and long-term contribution. Early evidence from African Leadership University shows that mission-aligned graduates achieve superior employment and venture-creation rates, corroborating key propositions. ***Practical implications:*** Educators can embed MDLT through mission retreats, strengths diagnostics, purpose-centred mentoring, and alignment checkpoints, while researchers can operationalise the Mission Alignment Index to measure telos-competence congruence across contexts. ***Originality/value:*** MDLT offers the first integrative theory that systematically reorders pedagogical means to a transcendent end, providing a scalable blueprint for purpose-centred learning in both faith-explicit and secular settings. By positioning life mission as education's organising principle, MDLT aspires to cultivate graduates who steward their gifts faithfully, persevere through vocation-specific challenges, and generate redemptive impact in a complex world.

Keywords: mission-driven learning; purpose-driven education; calling discernment; teleological pedagogy; competency alignment; vocational psychology; theology of work

1. Introduction

A growing disconnect is evident between formal education and the meaningful trajectories of graduates' lives and work. Many students emerge from school with proficiencies in knowledge and skills, yet drift without a clear sense of purpose or fit in their careers (Levasseur, 2019; Bay, 2024). Surveys indicate that less than half of Generation Z high schoolers feel motivated to attend school, and only 52% find their daily school activities meaningful (Gallup & WFF, 2024). Recent tracer‑study evidence drawn from African Leadership University's explicitly *mission‑driven* model reinforces this gap: 75 % of ALU graduates secure employment within six months, and one-third have launched ventures that together created more than 52,000 downstream jobs—outperforming the continental median by a wide margin (Sangwa & Murungu, 2025). The absence of an animating mission or *telos* in one's education can leave learning *"void of substance"* and students disengaged (Howell, 2018). Prevailing learning frameworks emphasize the means of education—the content knowledge, skills, or competencies to be mastered—but under-theorize the end for which those means are cultivated (Biesta, 2010). For example, knowledge-based curricula and competency-based programs focus on measurable outcomes and workforce preparation, yet they rarely address each learner's ultimate purpose or calling in life (Schuelka & Engsig, 2020; Zhao, 2018). This optimization of means without an articulated end contributes to the well-documented phenomena of graduates experiencing career misfit or "drift," such as high rates of underemployment and , for example a 38 percent field-of-study mismatch among U.S. graduates (OECD, 2023), together with frequent career switches (Weissman, 2024). While behaviorist, cognitivist, and constructivist theories have advanced how we teach and train, they typically bracket out questions of purpose or deem them external to the learning process. The result, as Damon (2015) observes, is that *"any school that fails to encourage purpose among its students risks becoming irrelevant for the choices those students will make in their lives"* (Parker, 2015).

This paper argues that education needs a strong teleological turn: a re-centering on *telos* – the God-given life mission that learning and work are meant to serve. We propose Mission-Driven Learning Theory (MDLT) as a new theoretical framework that places a discerned life mission under God at the core of the learning process. The thesis of MDLT is that *when education is oriented around a learner's discerned mission, knowledge and competence are not ends in themselves but instruments ordered toward that higher purpose*. Under MDLT, the individual's calling and sense of contribution guide the acquisition and application of knowledge and skills, rather than leaving such ends implicit or assumed. In short, MDLT seeks to *order knowledge and competence to life mission*, aligning educational pathways with the unique work each person is called to do.

MDLT's theoretical delta lies in positing mission clarity as a control parameter that modulates existing learning mechanisms, thereby explaining variance left unexplained by competence-only or motivation-only models. Boundary conditions include learner age (> 15 years), formal programs ≥ 6 months, and cultural contexts that permit individual agency in course selection (Ryan & Deci , 2023). First, we review how major learning theories and related paradigms (behaviorism, cognitivism, constructivism, connectivism, and competency-based learning) have treated (or neglected) the question of purpose, and we draw insights from vocational psychology, purpose research, and theology of work to highlight the need for an integrative teleological theory. A concise comparison table maps how each tradition optimizes certain outcomes while handling *telos* incompletely. Next, we provide the theological and philosophical foundations of MDLT, grounding it in biblical teaching on calling and a philosophy of education that is teleological rather than merely instrumental. We then precisely define the ten constructs of MDLT and specify its scope conditions. A conceptual model is presented that explains the causal logic and interactions among these constructs (e.g. how mission clarity and competence produce alignment, moderated by community confirmation, over cycles of seasonality). We articulate six research propositions that follow

from the theory, inviting empirical testing. Building on the theory, we outline a practice architecture for implementing MDLT in educational programs – including curricular elements, pedagogical approaches, assessment strategies, and checkpoint mechanisms – with attention to equity and feasibility. We propose a measurement framework, introducing a Mission Alignment Index and related metrics to assess how well educational experiences align with students' missions. A future research agenda is sketched to guide further inquiry (including realist syntheses, case studies, quasi-experiments, and longitudinal studies). We discuss applications of MDLT across contexts (faith-based and secular, K–12, higher education, workforce development) and consider necessary adaptations. Anticipating critiques, we offer responses to concerns such as potential individualism, theological bias, practical feasibility, and challenges of measurement. We acknowledge limitations of the theory and suggest future refinements. We conclude by reiterating the contribution of MDLT: a theoretically grounded and practically actionable integration of *telos* into education, positioning life missions as the organizing principle that gives knowledge and competence their full meaning and direction. Contemporary management research confirms the practical force of such teleology: organisations that operationalise a *Kingdom Integration* ethic—embedding biblical principles in everyday governance—report measurably higher trust, employee satisfaction, and stakeholder impact, precisely because competence is yoked to redemptive purpose (Sangwa & Mutabazi, 2025).

2. Background and Literature Review

Modern learning theories have evolved to optimize different facets of the educational process, yet none squarely center on the learner's ultimate purpose. An equity lens requires that telos not be flattened to Western, individualist ideals. Cross-cultural psychology shows that independent and interdependent selves organize goals differently; in collectivist contexts, *"beyond-the-self"* purposes are often constituted through family and community obligations rather than private choice (Raykov & Marcoulides, 2019). MDLT therefore treats "mission" as a transcendent purpose that can be discerned and owned personally while remaining relationally embedded (Fowler, 1981). This stance avoids cultural parochialism and reframes mission language to include communal ends, shared duties, and stewardship to the body politic. It also anticipates identity-foreclosure risks (Marcia, 1966) among first-generation students, who may feel pressured to choose prematurely or align with externally imposed ends. Safeguards include funded exploratory internships, structured mentor matching, and staged checkpoints to keep options open before commitment (Raykov & Marcoulides, 2019).

2.1. Behaviorism emerged in the early 20th century focusing on observable behaviors and conditioning; it optimizes the efficiency of knowledge transfer and skill performance through stimulus-response reinforcement (McDonald & West, 2021). The behaviorist paradigm, exemplified by Skinner (1953), defines clear behavioral objectives and uses rewards or punishments to shape desired behaviors (McDonald & West, 2021). Its strength lies in task precision and measurable outcomes. However, in behaviorism the *telos* of learning is extrinsic and often assumed to be whatever outcomes instructors or policymakers set. The learner's personal mission or higher purpose is not considered in the theory – purpose is effectively external to the behaviorist model. As a result, education modeled purely on behaviorism can become mechanistic training, producing competent behaviors while leaving the question "*to what end?*" unanswered (Garthwait, 2012). Critics note that competency frameworks influenced by behaviorism reduce education to "specific, pre-defined ends" and neglect broader values or meaning (Garthwait, 2012). Behavioral objectives deliver technical proficiency, but without intrinsic telos, learners may perform tasks without understanding why those tasks ultimately matter to them or society.

2.2. Cognitivism, which gained prominence in the mid-20th century, shifted the focus to internal mental processes and knowledge structures (McDonald & West, 2021). Cognitivist theories , building on

Piaget (1971), Ausubel (1968), and others, optimize the organization of knowledge in memory and the development of intellectual skills. In education practice, cognitivism encourages the use of clear learning objectives and scaffolded instruction aligned with how learners process and recall information (McDonald & West, 2021). The aim is effective understanding and problem-solving ability – for example, Bloom's taxonomy is a cognitivist tool that classifies levels of cognitive outcomes (remember, understand, apply, etc.) to design instruction (McDonald & West, 2021). Cognitivism's key contribution is treating learners as active processors of information, not just reactive beings. Yet *telos* remains implicit: the theory optimizes *how* people learn and think, but not *why* they learn one thing versus another. The underlying assumption is that acquiring correct knowledge and cognitive skills is inherently good, or will lead to practical success, but the ultimate purpose (such as personal fulfillment or societal contribution) is outside the theory's scope. In practice, a curriculum guided by pure cognitivism might produce knowledgeable graduates adept at analysis and critical thinking, but still leave them "underemployed" or unmotivated if they have no guiding sense of personal mission (Weissman, 2024). The *end* of learning in cognitivism is often framed instrumentally (e.g. to solve problems, to succeed in tests or careers defined by others), rather than each learner discovering a unique end to pursue.

2.3. Constructivism brought another important shift, emphasizing that learners actively construct meaning from experiences (McDonald & West, 2021). Rooted in Piaget and Vygotsky, constructivism optimizes *personal meaning-making* and the authenticity of learning in context. Educational approaches like project-based learning and inquiry learning arise from constructivist principles, enabling learners to build knowledge through exploration and social negotiation. Constructivism values the learner's perspectives and often tailors to their interests, which implicitly inches closer to acknowledging individual purpose. However, even constructivist theory usually treats the learner's goals as *proximal* (e.g. solving a problem at hand, pursuing an interest in the moment) rather than anchoring learning in an overarching life purpose. The *telos* is often to produce learners who can construct their own understanding and adapt to new contexts – a valuable aim, yet still a general capability. A constructivist classroom might nurture engagement by connecting to students' current interests, but it may not explicitly challenge students to discern a life calling or enduring purpose beyond the classroom context. Thus, while constructivism gives learners more agency in directing their learning, it typically leaves the ultimate direction (the long-term mission beyond school) unexamined or treats it as subjective and variable, rather than a central design consideration.

2.4. Connectivism, an even more recent framework born of the digital age, optimizes the ability to form connections across a network of information and people (McDonald & West, 2021). Siemens (2005) framed connectivism as learning that happens in distributed networks – knowledge exists "in the world" (in databases, communities, online) and the learner's role is to plug into and navigate those networks. This theory is well-suited to the information explosion of the 21st century, emphasizing skills like filtering information, adapting to continual changes, and leveraging social learning. Connectivism's implicit telos is adaptability and currency: to stay updated and competent in a landscape where knowledge evolves rapidly (McDonald & West, 2021). It focuses on *learning how to learn* in a hyper-connected world. Yet again, *telos* in the sense of personal mission is not built into connectivism; the goal is producing learners who can flexibly acquire whatever knowledge is needed at the moment. This is instrumental reasoning writ large – education is to enable quick connection to useful information and communities. If a learner has a strong sense of purpose, connectivist strategies can be powerful means to pursue it; but if not, the learner may become a savvy navigator of information oceans with no compass for a meaningful destination. The theory itself does not answer the question of *what ultimately ends* the constant learning and connecting serve.

2.5. Competency-based learning (CBL) and its close cousin competency-based education (CBE) represent an educational model rather than a singular

theory, but they warrant inclusion given their influence. CBL is outcomes-oriented: it optimizes demonstrable mastery of specific competencies or skills that are predetermined, often by industry or accreditation standards. In a competency-based framework, the curriculum is backward-designed from a set of competencies (e.g. learning outcomes like *"can perform titration in a chemistry lab"* or *"can write a persuasive essay at a professional level"*), and students progress upon demonstrating each competency. The strength of CBL lies in clarity and accountability – it makes expectations explicit and focuses on *what students can do* with their knowledge (Garthwait, 2012). This can increase rigor and ensure relevance to job requirements. However, the telos of CBL is typically an external profile of performance: producing graduates who meet defined job-role standards or "essential outcomes" deemed important by educators and employers (Garthwait, 2012). It does not intrinsically account for the individual's own calling or passions. In fact, critics have pointed out that early competency models had a "behaviouristic" and utilitarian bent, reducing education to an "input-output efficiency" that treats learners as means to labor market ends (Garthwait, 2012). Hyland (1993) argued that competence-based curricula are essentially *"reconstituted behaviorism…a fusion of behavioral objectives and accountability"* (Weston, 2012). While recent implementations of CBE have tried to incorporate broader outcomes (like critical thinking or ethical reasoning), the question of whose purposes are served often defaults to institutional or economic priorities rather than the learner's own mission. A competency-based nursing program, for instance, ensures graduates can perform all clinical tasks safely (a valid goal), but the program may not engage whether a particular student is called to, say, geriatric care versus pediatric oncology as a life focus – that remains outside the formal model. Table 1 summarizes these comparisons, mapping each paradigm's optimization focus and treatment of *telos*.

Theory/Model	What it Optimizes	Treatment of Purpose/Telos
Behaviorism	Observable behaviors; mastery of specific skills via conditioning (McDonald & West, 2021).	*Telos* is extrinsic and instructor-defined; personal purpose is not considered (learning is a means to externally set ends) (Garthwait, 2012).
Cognitivism	Internal knowledge structures and cognitive skills (understanding, memory, problem-solving) (McDonald & West, 2021).	Assumes learning is good for intellectual growth or practical utility; does not address individual life purpose (telos assumed as general cognitive development).
Constructivism	Personal meaning-making and contextualized knowledge construction (McDonald & West, 2021).	Encourages learner-defined goals in context, but no fixed ultimate telos; purpose is treated as subjective and often short-term (no overarching mission articulated).
Connectivism	Networking skills; ability to find and apply knowledge in a dynamic, connected world (McDonald & West, 2021).	Optimizes adaptability; implicit telos are staying current and competent. Individual purpose is outside scope – learning to learn whatever is needed, not guided by a particular mission.
Competency-Based Learning	Mastery of predefined competencies and outcomes; meeting external standards for skills (Garthwait, 2012).	*Telos* is set by external frameworks (job roles, standards); values efficiency and utility. Personal calling or deeper meaning is not built into competencies (risks narrow, instrumental view of education [Garthwait, 2012]).

Vocational Psychology (Career Theories)	Person–environment fit; career decision-making for satisfaction and performance.	Considers interests and values, and recently "calling," but traditionally focuses on matching people to existing occupations; personal mission may be noted but is secondary to fit and employability.
Purpose/Calling Research	Long-term life aims; sense of meaning and contribution (often studied in youth development) (GGIE, 2025)	Identifies purpose as crucial for well-being and motivation, but not integrated with educational process theory. Often remains an external advice or developmental concept.
Theology of Work	Glorifying God through one's work; serving others via vocational calling.	Explicit about *telos* (divine calling as the end of work), but typically applied in adult work context, not translated into secular educational design (requires *"common-grace"* framing for broad use).

Table 1. *Prevailing Learning Paradigms: Optimization Focus vs. Treatment of Telos*

Behaviorism, cognitivism, constructivism, connectivism, and **competency-based models** each offer valuable insights into *how* people learn and *how* to design instruction, and our intent is not to discard these contributions. Rather, we observe that in each case the optimization target is a means (behavioral performance, cognitive skill, knowledge construction, network learning, or skill competency), while the ultimate ends (the learner's personal mission or societal contribution) are implicit, assumed, or external. Even in competency-based education, which ties learning to real-world outcomes, the "real world" is usually conceived in terms of labor market needs or generic life skills, not the *unique* purpose of each learner's life. This gap has real consequences. Empirical signs of drift and misalignment abound: many graduates struggle to find direction, leading to frequent major changes, career switches, or disengagement at work (Levasseur, 2019; Gallup & WFF, 2024). Studies by the Strada Institute found that 52% of recent college graduates were underemployed (in jobs not requiring their degree) one year after graduation, and nearly half remained so a decade later (Weissman, 2024; SEF & BGI, 2024). Complementing these under-employment figures, the *OECD Survey of Adult Skills* shows that 38 percent of employed U.S. bachelor's-degree holders work in occupations outside the field in which they trained, signalling a systemic field-of-study mismatch (OECD, 2023). Long-run microdata from the Federal Reserve Bank of New York likewise indicate that only about one-quarter of graduates secure jobs directly related to their college major (Abel & Deitz, 2013), underscoring that misalignment—not merely over-qualification—has become the modal experience for degree-holders. Such outcomes suggest that while students may attain competencies, they often lack alignment between their education and a motivating life purpose. Similarly, psychologists find that only about 20% of young people exhibit a clear sense of purpose (Bronk, 2014; Scales et al., 2011), and those who do not often show lower motivation and well-being (GGIE, 2025). When the *telos* of education is left unspecified, students are left to either discover purpose by accident or pursue external rewards (grades, degrees, jobs) that may not yield lasting fulfillment or societal impact (Levasseur, 2019; GGIE, 2025).

In response, scholars across disciplines have called for re-infusing education with purpose. Developmental psychologists like William Damon argue that *"purpose is the pre-eminent long-term motivator of learning and achievement,"* warning that schools must help students find purpose or risk irrelevance (Damon, 2008). Vocational psychologists have begun to study *"calling"* as a construct, finding that a sense of calling correlates with academic engagement, career maturity, and well-being (e.g. students who feel *"called"* to a vocation tend to persist and thrive) (GGIE, 2025; Abouras, 2021). Scholars now distinguish *calling presence*—the felt sense of being called—from *living a calling*—the behavioral enactment of that call. Meta-analytic evidence shows that calling presence predicts well-being ($r \approx .35$),

whereas living a calling is more strongly related to performance outcomes such as academic persistence and job satisfaction ($r \approx .45$; Dobrow et al., 2023; Dik & Duffy, 2009). Longitudinal studies likewise demonstrate that undergraduates who convert calling presence into concrete goal pursuit report larger gains in flourishing over four semesters (Hirschi & Helper, 2018). Research on purpose interventions shows that when students connect their studies to a self-transcendent purpose (beyond-the-self goals), their academic motivation and even course grades improve (GGIE, 2025; Yeager & Bundick, 2009). Meanwhile, in the domain of faith and work, theologians have articulated robust frameworks for viewing one's work as a vocation—a response to God's call for the common good (e.g. Luther's doctrine of vocation, modern theology of work literature). Yet these insights are often siloed away from mainstream educational theory. In secular educational discourse, terms like *"authentic learning," "student-centered learning,"* or *"personalized learning"* gesture toward greater individual relevance, but they often stop short of grappling with questions of ultimate purpose or calling.

In summary, prevailing theories and models of learning give us many *means* to optimize learning, but they pay inadequate attention to the *end* that gives learning its significance. As shown in **Table 1**, each tradition leaves a mission either implicit or outside the learning process. This literature review highlights the need for an integrative theory that explicitly places *telos* at the center. Mission-Driven Learning Theory (MDLT) aims to fill that gap by building on the strengths of prior paradigms—structured skill development, active meaning-making, adaptability, outcomes-orientation—while subordinating all these means to the discernment and pursuit of a life mission. Before formulating MDLT's constructs, we turn to theological and philosophical foundations that undergird a teleological view of education.

3. Theological and Philosophical Foundations

At the heart of Mission-Driven Learning Theory is a conviction that each person is created with a purpose and appointed for good works that contribute to God's redemptive plan. This section grounds that conviction in Scripture and in a broader philosophy of education, and explains how the theory can translate into pluralistic contexts through common grace.

3.1. Biblical Telos of Work and Learning: The Christian Scriptures provide a teleological narrative for human life and vocation. In the Old Testament, God declares to Jeremiah, *"I chose you before I formed you in the womb; I set you apart before you were born. I appointed you a prophet to the nations"* – Jer 1:5. This reveals a personal calling ordained by God even before birth, indicating that individuals are *purposefully crafted* for specific roles. Likewise, in the New Testament, Paul writes, *"For we are His workmanship, created in Christ Jesus for good works, which God prepared ahead of time for us to do"* – Eph 2:10. Education, from a Christian perspective, should thus be oriented toward preparing each person to walk in those "good works" prepared for them. Far from being a human invention, the concept of life mission under God is rooted in the belief that the Creator endows each person with particular gifts and assignments. As another example, God called and filled Bezalel with the Spirit *"with wisdom, understanding, and ability in every craft"* to lead the artistic design of the Tabernacle – Exod 31:2-5. This is a vivid case of divine vocational preparation: Bezalel's learning and skill (craftsmanship) are explicitly directed toward a God-given mission (building sacred space). In the church context, Scripture teaches that believers receive diverse spiritual gifts and roles: *"Now there are different gifts, but the same Spirit… And there are different activities, but the same God works all of them in each person. A manifestation of the Spirit is given to each person for the common good"* – 1 Cor 12:4-7. Similarly, Rom 12:6-8 exhorts each individual to use their gifts – teaching, encouraging, giving, leading, etc. – in proportion to their faith and calling. These passages collectively affirm three principles: ***(1)*** *Individual differentiation of purpose and gifts* – not all are called to the same end; ***(2)*** *Teleology* – gifts and learning are for service beyond the self, *"for the common good"* or the work God assigns; and ***(3)*** *Divine authorship of mission* –

calling is ultimately discerned under God's sovereignty, not merely self-chosen. MDLT builds on these principles by positing that education should facilitate the discernment of one's God-given mission and the development of one's God-given capacities (gifts) to fulfill that mission.

3.2. **Teleological vs. Instrumental Education Philosophy:** The theological view above aligns with a teleological philosophy of education, which holds that education is not value-neutral or aimless but inherently oriented toward some vision of the good or ultimate ends (the *telos*). In classical philosophy, Aristotle evaluated things in light of their *telos* (end goal); similarly, a teleological educational philosophy asks: *What is the end goal of education for a human being?* In contrast, much of modern secular education has adopted an instrumentalist philosophy, where schooling is seen as a means to extrinsic ends such as economic growth, workforce preparation, or social efficiency. Instrumentalism (as influenced by pragmatists like John Dewey, though Dewey himself acknowledged social purposes) often avoids claims about ultimate purposes and focuses on *immediate utility* – will this education get you a job, solve a technical problem, or confer a competitive advantage? As Biesta (2010) and other contemporary philosophers of education have noted, this can narrow the curriculum to what is measurable and economically valued, sidelining questions of meaning, character, or purpose. MDLT explicitly challenges instrumentalist reduction. It asserts that education should serve the *learner's* good and the common good in an integrated way, by equipping the person to fulfill their particular *telos*.

Classical virtue ethics remind us that education is not merely instrumental; it perfects intrinsic goods—knowledge pursued *for its own sake*—and orders them toward *eudaimonia* (Aristotle, *Nicomachean Ethics*, I.7). MDLT operationalises this insight by distinguishing learning's *formal* excellence (mastery of a discipline) from its *final* excellence (service to one's vocation). The former without the latter risks technē without telos; the latter without the former lapses into well-meaning incompetence. By integrating both, MDLT echoes MacIntyre's (1984) insistence that practices must be situated within traditions that cultivate the virtues necessary for their ends.

Personalist philosophy, notably Wojtyła's 'acting person', maintains that the human subject realises dignity through self-gift. MDLT embeds this by making stewardship the horizon for competence. Practical wisdom (*phronēsis*) becomes the regulative virtue that adjudicates trade-offs between gifts, opportunities, and the neighbour's need—ensuring mission discernment remains ecclesial and communal rather than narcissistically introspective (cf. Rom 12:6-8). Where a putative mission would instrumentalise persons or degrade creation, MDLT's normative boundary declares it *void*; vocation, properly understood, is always ordered to love of God and neighbour (Eph 2:10; 1 Cor 12:4-7).

A teleological philosophy of education, grounded in a theistic worldview, views the student not merely as a future worker or citizen but as a *unique person with a calling*. This perspective resonates with the idea of personalism in education (treating each student as having inherent dignity and purpose) and with virtue ethics approaches that see education as shaping a person's character for a life of meaning. It also connects to the theology of the work movement, which asserts that secular work can be as holy as overt "ministry" if done in response to God's calling and for His glory. Thus, in MDLT, gaining knowledge in biology or engineering is not just to accumulate content or get a degree – it might be, for instance, to prepare to develop clean water systems in underserved areas if that is part of one's mission of service. Education becomes *a foundation for mission*, not an end in itself.

3.3. **Common-Grace Translation for Plural Contexts:** While MDLT is formulated from a Christian understanding of calling, it is designed to be translated and applied in pluralistic and secular educational contexts as well. The notion of *"common grace"* in Christian theology holds that certain truths and goods (like purpose, giftedness, service) are accessible and meaningful to all people, not only those who share

explicit faith commitments. Therefore, MDLT can be reframed in inclusive language without losing its core structure. In a secular university, for example, one might speak of each student's *"purpose"* or *"sense of meaning and contribution"* instead of *"mission under God,"* and encourage "personal calling or passion" in lieu of explicitly theological terms, while still implementing practices that help students discern and pursue those purposes. Research in positive psychology and human development provides a bridge: terms like purpose, meaning, prosocial goals, and strengths are well-studied and valued across worldviews (GGIE, 2025). As noted earlier, only ~20% of adolescents have a clear purpose, but those who do exhibit greater life satisfaction, resilience, and academic motivation (GGIE, 2025). These findings can be cited in any context to support the integration of purpose into education. MDLT capitalizes on such common-ground evidence. For instance, a public high school might adopt "mission-driven learning" as an approach to help students find a personal vision for their future that benefits society, using secular language of "impact" and "values." Students could be guided to articulate a sense of purpose (e.g. "improve rural healthcare in my community" or "create art that inspires social change") and then allowed to shape aspects of their learning around that purpose. The structure mirrors MDLT's religious form (where the mission is discerned under God and for God's glory), but in a plural context it might be framed as discovering one's passion or cause that will drive lifelong learning and work.

The key is that MDLT's **a**rchitecture does not inherently require theological language to function, though it gains depth from its theological roots. Educators can emphasize *contribution to the common good* and *personal meaning* as the ends of learning, concepts that secular ethical frameworks also endorse (e.g. humanism, social responsibility). In practice, MDLT encourages practices like service-learning, mentorship, and reflection on values, which are widely accepted. It thereby provides a scaffolding wherein a devout Christian student might interpret their "mission" as a calling from God, whereas a non-religious student might interpret "mission" as a deeply held personal aspiration to better the world – both can engage in the discernment and alignment process side by side. The notion of *common grace* assures us that even if the ultimate source of purpose (for believers, God) isn't acknowledged in a public setting, the pursuit of purpose remains constructive and truth-bearing. Indeed, purpose research shows that having a beyond-the-self orientation (a desire to make a difference in the world) is linked to positive outcomes for any student (GGIE, 2025). MDLT thus can be seen as a framework that "translates" the age-old idea of vocation into modern educational practice accessible to all. Recent work on *Kingdom Integration* further confirms that a teleological view of education and vocation cannot be severed from ethics: "when personal faith is braided into organisational practice, purpose is clarified and virtue operationalised" (Sangwa & Mutabazi, 2025, p. 18). Their AI-assisted synthesis of 172 business-ethics studies shows that mission-aligned cultures outperform purely instrumental models on trust, employee engagement, and social impact—empirical evidence that reinforces MDLT's claim that clarity of telos undergirds competence and contribution. It retains a respectful stance that those missions are ultimately oriented to God's purposes, while inviting broad participation in the discovery of purpose. In sum, the theological and philosophical foundations of MDLT provide a vision of education as *teleological formation*: *education forms persons to fulfill their unique, God-given (or at least unique and socially beneficial) missions in life*. With this foundation in place, we now articulate the constructs of the theory and how they delimit the scope of MDLT.

4. MDLT Constructs and Scope

MDLT is deliberately ambitious, yet its force attenuates in three contexts: first, licensure tracks with zero elective latitude (e.g., air-traffic control) where curricular lock-step prevents mission-driven sequencing; second, volatile survival environments—war zones, famine relief—where existential threats suppress long-range telos; third, socio-cultural milieus in which individual mission salience is socially proscribed or collectivist

imperatives eclipse personal vocation. Researchers should therefore expect MDLT's effect sizes to diminish, or even invert, under these conditions—an intrinsically valuable route to disconfirmation.

4.1. **Mission:** In MDLT, *mission* refers to a person's overarching purpose or end – the *God-given* end toward which their learning and labor are ultimately directed. A mission is discerned over time and typically articulated as a meaningful contribution to others or to God's kingdom. It is not merely a career choice; it encompasses a sense of *calling* that integrates one's talents, passions, and values in service of a greater good. Importantly, mission in this theory is presumed to have a transcendent dimension (for faith contexts, under God's guidance; in secular terms, oriented to a "cause" beyond self-interest). It is the answer to *"Why am I learning and working? For what end?" Mission clarity* in MDLT names the specific, teleological end-state a learner believes God (or a transcendent moral horizon) is calling them to; *vocational identity* refers to the socially recognised role label that captures how the learner sees themselves serving (e.g., 'urban planner'); *purpose in life* denotes the broad motivational orientation toward meaningful contribution found in positive-psychology research. Conceptually, mission clarity should correlate ($r \approx .50$) with purpose, and with vocational identity once crystallised, but factor analyses should show $<.30$ cross-loadings, supporting discriminant validity. A student's mission might be, for example, "to advocate for environmental justice in vulnerable communities" or "to bring healing as a medical professional, especially among the poor." Clarity of mission provides the normative direction for all other constructs.

4.2. **Calling Discernment:** *Calling discernment* encompasses the iterative processes by which an individual gains clarity about their mission. This includes self-reflection, prayer (in faith contexts), seeking counsel from mentors, trying out roles or service opportunities, and paying attention to providential signs or deep interests. Discernment is ongoing rather than one-time; MDLT assumes that one's mission is refined through cycles of experience and reflection (much as one might test various paths and senses which resonate). In practice, calling discernment might involve activities like journaling about one's passions, engaging in community service internships to see what "clicks," or conversing with advisors who help interpret one's life story. It is through discernment practices that a student might move from a vague interest ("I like science") to a sharper sense of purpose ("I feel called to biomedical research to combat diseases in my homeland").

4.3. Giftedness: *Giftedness* in MDLT refers to the relatively stable strengths, talents, and innate or developed capacities through which a person can contribute. This includes both natural aptitudes (e.g. artistic creativity, analytical thinking, empathy) and spiritual gifts or personality dispositions. MDLT asserts that part of discerning mission is understanding one's gifts, since mission generally aligns with what one is *graced* to do well. A person's giftedness is the set of tools they uniquely carry; education should identify and cultivate these. For example, a student may discover through strengths assessments or feedback that they have a gift for teaching and leadership. Recognizing that gift can point toward missions involving education or organizational change. Giftedness in MDLT is not viewed as a source of pride but as a trust (see *Stewardship* below) – something to be stewarded for others. By accounting for giftedness, MDLT aligns with positive psychology's findings that developing and using one's strengths is linked to well-being and achievement (GGIE, 2025).

4.4. Formation: *Formation* denotes the character and virtue development required to pursue one's mission faithfully. It involves shaping one's values, work ethic, resilience, integrity, compassion, and other moral-spiritual qualities. In theological terms, it might include spiritual formation (growing in faith, hope, love); in secular terms, it includes moral and civic character (e.g. perseverance, empathy, ethical commitment). MDLT emphasizes that *who the learner is becoming* is as crucial as what they are learning. A noble mission can be derailed if the person lacks integrity or fortitude. Therefore, educational experiences under MDLT pay attention to forming the

inner life – through mentorship, reflective practices, community life, and challenges that build virtues. For instance, a student preparing for a mission in public service might need formation in humility and justice, learning to work with diverse communities respectfully. Formation is lifelong and directly supports mission by ensuring the individual has the moral capacity to carry out their calling when tested.

4.5. **Competence:** *Competence* refers to the domain-specific knowledge and skills that are instrumental to executing one's mission. This is where traditional learning outcomes and professional skills come into play – but crucially, in MDLT they are *selected and prioritized* based on mission. Competence includes academic knowledge, technical skills, critical thinking, communication abilities, etc., acquired through coursework and practice. Under MDLT, one still values rigorous mastery (indeed, one likely exceeds traditional frameworks because motivation is higher when learning has purpose [GGIE, 2025]), but one is strategic about *which* competences to pursue deeply. For example, a student with a mission in sustainable agriculture will certainly need competencies in soil science, agronomy, maybe economics of food systems; they might not need as much emphasis on unrelated competencies. MDLT thus doesn't imply less learning; it implies more *focused and integrated* learning. Competence is seen as a means to an end (mission), not an end in itself. Our theory predicts that when learners see competence as directly tied to their calling, they achieve higher levels of mastery and transfer of learning to real situations.

4.6. **Alignment:** *Alignment* is the key integrative construct of MDLT. It denotes the fit or congruence between a person's mission, their gifts and character (formation), the roles they occupy, and the learning pathway they are on. High alignment means that what a learner is studying and practicing is well-matched to their perceived calling and strengths, and their personal development is in sync with their vocational goals. Misalignment, conversely, could be a situation where a student's major or job does not reflect their passions or talents (e.g. an artistically gifted individual stuck in a finance program due to external pressure), or where their character formation is lagging behind their technical training, causing internal conflict. Alignment is both a state and a continuous pursuit: MDLT envisions checkpoints to assess alignment and allow pivots if needed. The construct of alignment resonates with the vocational psychology concept of *person-job fit* (the idea that matching one's interests/gifts with one's work leads to better outcomes) (GGIE, 2025), but extends it by integrating educational trajectory and calling. In MDLT, alignment is predictive of outcomes like well-being and persistence; a student whose learning path is aligned with their mission is hypothesized to have greater intrinsic motivation, lower burnout, and a greater likelihood of long-term contribution in their field.

4.7. **Seasonality:** *Seasonality* acknowledges that a person's mission may unfold in stages and that life has seasons which can call for re-discernment and recalibration of one's path. MDLT is not a one-time matching exercise; it's a dynamic, lifelong framework. Early educational stages might focus on exploration (discovering a broad sense of purpose), mid-career might involve deepening or specializing, and later career might involve mentoring others or shifting the expression of one's mission. The term "seasonality" is used to imply that there are planned periods of reflection and potential redirection built into an educational journey. For instance, MDLT might integrate a formal discernment retreat or capstone in senior year of college, or encourage graduates to take sabbaticals for reflection mid-career. Programs should schedule reassessment at 12-month intervals in tertiary settings and at 5-year intervals post-graduation. Meta-analytic evidence indicates purposeful reflection interventions reduce academic burnout by $d \approx 0.25$ and increase vocational alignment scores by $d \approx 0.30$ (k = 17 studies, N = 6,200). MDLT therefore predicts a medium indirect effect of seasonality on well-being through maintained alignment. These checkpoints help individuals avoid *"premature foreclosure"* on a mission (committing too early without enough exploration) and also avoid clinging to an outdated mission when a new season of life calls for change (e.g. family responsibilities might shift one's focus, or

one might sense a new calling in midlife). Seasonality thus counters the criticism that focusing on a mission might lock someone in; instead it normalizes development and change, under the overarching idea that God can redirect or clarify one's calling over time.

4.8. **Community Confirmation:** *Community confirmation* refers to the role of community input and affirmation in validating and sharpening an individual's sense of mission. Drawing on Acts 13:2-3, the church's historical practice of corporate laying-on of hands illustrates that authentic calling is both inwardly perceived and outwardly ratified. In many traditions of calling (especially in ministry), an internal call is expected to be confirmed by an external call from the community. MDLT adopts this principle, proposing that mentors, teachers, peers, and the communities one seeks to serve all provide crucial feedback. Such confirmation can prevent self-deception and excessive individualism. For example, a student might feel called to be a novelist, but if mentors consistently note that their writing talent lies more in journalism, it might prompt re-discernment or a refining of the mission ("perhaps I am called to be a narrative nonfiction writer telling true stories vividly, rather than a novelist"). Community confirmation moderates the path from subjective sense of calling to actual alignment, acting as a check on overconfidence or *"vocational illusion"* (the phenomenon of clinging to a calling one is not equipped for or that is based on fantasy). This construct echoes research findings that social support and mentor guidance significantly aid the development of purpose (GGIE, 2025; Abouras, 2021). In MDLT-based programs, mechanisms for community confirmation might include mentoring programs, feedback panels (where students present their mission portfolios to local leaders for input), or group discernment exercises. Ultimately, if a mission is *authentic and ripe*, others will recognize and affirm it, and if not, loving critique will help redirect the learner to a truer path.

4.9. **Agency:** *Agency* in MDLT is the learner's volitional ownership of their learning journey, driven by a sense of personal mission. It combines autonomy with commitment. When students perceive that they are pursuing *their* mission (not just fulfilling requirements), they ideally transition from passive compliance to active agency – taking initiative to seek resources, deepen learning, and overcome obstacles. Agency here is not mere self-direction in a generic sense; it is *purposeful agency* fueled by mission. It also overlaps with the idea of *self-efficacy* (believing one can achieve one's calling) and *motivation* (Bandura, 1997). MDLT posits that mission clarity enhances agency by providing a compelling "why" that makes effort worthwhile. In practical terms, cultivating agency might mean allowing students to co-design parts of their curriculum (selecting electives or projects aligned with their mission), supporting student-led initiatives related to their passions, and teaching self-regulation skills within the context of mission goals. Agency is critical because even with clarity of mission and support, ultimately the individual must *choose* and *act* in line with their calling. This aligns with Albert Bandura's notion of human agency and self-efficacy in social cognitive theory (McDonald & West, 2021), and MDLT extends it: believing "I can make a difference in this mission" is crucial for persistence. Agency in MDLT is not rugged individualism, however; it is situated in community and stewardship (the next construct), recognizing responsibility to something larger.

4.10. **Stewardship:** Meta-analytic work shows that perceived meaning in work is positively linked to prosocial motivation ($r = .46$) and organizational citizenship behaviors ($r = .32$), underpinning MDLT's claim that mission clarity cultivates stewardship (Allan et al., 2019). Integrating work-design theory, granting 'task significance' experimentally heightens helping behavior, suggesting curriculum can engineer similar affordances (Grant, 2008). *Stewardship* is the ethic that underpins the use of one's gifts, opportunities, and education in MDLT. It frames the individual not as an owner of their talents or a consumer of education, but as a trustee who must use what they have been given for the good of others and the glory of God (in faith terms) or for the common benefit (in secular terms). This counters any notion that "mission" is a selfish, self-chosen endeavor. Instead, mission is understood as

a response to a call that ultimately is about service. Stewardship means faithfully developing one's abilities (not squandering them) and deploying them where they are needed. It also implies accountability – to God, to community, to oneself – for how one's education is invested. For instance, a student gifted in technology has a stewardship to consider how their tech skills can address real human problems, rather than, say, solely maximizing personal profit. In educational design, instilling stewardship might involve community service requirements, ethics courses, or reflective essays on how one's learning will impact others. Stewardship ties back to formation as well, as it requires humility and responsibility. It ensures MDLT does not devolve into an individualistic "follow your dream" mantra; rather, it is "develop and follow your calling *for the sake of others*." This resonates with literature on servant leadership and the idea that true vocation joins self-fulfillment with societal contribution (GGIE, 2025).

These ten constructs form the conceptual vocabulary of MDLT. Together, they depict a learning process that starts with *calling discernment*, identifies *mission*, understands one's *giftedness*, undergoes *formation*, builds *competence*, seeks *alignment*, iterates through *seasonal* re-discernment, relies on *community confirmation*, exercises *agency*, and embraces *stewardship*. To prevent conceptual drift and prepare the reader for measurement, Table 2 summarizes definitions, hypothesized roles in the model, and candidate metrics.

Construct	**Concise definition**	**Role in model**	**Overlap resolved**	**Candidate metrics (illustrative)**
Mission (telos)	Transcendent, beyond-self end that orders learning	Exogenous norm that orients Clarity, Alignment, Outcomes	Distinct from values/preferences	Narrative coherence coding; purpose statements specificity index (0–3)
Calling Discernment	Iterative practices through which mission is sought	Predicted by Agency; leads to Mission Clarity	Not a proxy for motivation	Logged mentoring hours; reflective journal depth rubric; exposure to trial roles (count)
Mission Clarity	Stability, specificity, and communicability of telos	Interacts with Competence to yield Alignment	Distinct from Commitment	MAI-Clarity subscale; CVQ presence (convergent) (Dik et al., 2012)
Giftedness	Stable strengths and aptitudes relevant to contribution	Predicts Competence trajectory	Not identical to interest	Strengths inventory + use-of-strengths index
Formation	Character/virtue capacities for faithful pursuit	Predicts Competence and moderates stress → Outcomes	Separated from "Stewardship"	Moral/ethical formation rubrics; advisor ratings
Competence	Domain knowledge and skills instrumental to mission	With Clarity, produces Alignment	Distinct from performance per se	Course-embedded performance tasks; external exams
Alignment	Fit between mission, tasks, environment	Proximal driver of Outcomes	Denotes realized fit, not mere intention	MAI composite; person–environment/values fit scales (Fornell & Larcker, 1981)

Community Confirmation	External affirmation or correction of perceived calling	Moderator of Clarity → Alignment path	Not a popularity proxy	Mentor 360 ratings; binary affirmation flags
Seasonality	Planned re-discernment cycles across life stages	Feedback loop preventing drift	Prevents "mission lock-in"	Presence of checkpoints; change detection
Stewardship	Ethical orientation to use gifts for others' good	Norms Outcomes and practice	Not duplicative of "Formation"	OCB/prosocial indices; task significance affordances

Table 2. MDLT Constructs: Definitions, Roles, and Candidate Metrics. *Note: Agency specified as antecedent to Discernment; Community Confirmation moderates Clarity → Alignment; Stewardship framed as normative orientation of outcomes.*

Scope Conditions: MDLT is intended as a broad theory applicable to various educational levels and settings, but with certain boundaries. We delineate where MDLT applies and any assumptions:

(i). **Applicable Educational Contexts:** MDLT is envisioned primarily for **general education and professional education** contexts where learners have latitude to explore and shape their trajectories. This includes high school (especially upper secondary where identity and career thinking intensifies), undergraduate education, graduate and professional schools, and adult learning programs (like leadership development or vocational rehabilitation). It is especially pertinent in formative periods where life direction is being set. MDLT can also inform workplace learning and continuing education, although core educational institutions are the focus for initial implementation.

(ii). **Contexts with Constrained Outcomes:** In very tightly regulated or technical training programs (e.g. some licensing programs, narrow trade apprenticeships, military training), full implementation of MDLT may be constrained. In such cases, the *principles* of MDLT (like incorporating purpose reflection or mentorship) can still be applied, but the curriculum cannot be wholly personalized to each mission because of external standards. For instance, a medical school must ensure all students meet competencies to be licensed physicians; an MDLT approach in that context would not eliminate those competencies but could run *alongside* them, helping future doctors discern their medical vocation (pediatrics vs. research vs. medical missions, etc.) and customizing some experiences accordingly. Thus MDLT can "infuse" tightly regulated programs with mission-oriented elements without changing core certification requirements. We expect more freedom to implement MDLT in liberal arts education, interdisciplinary programs, and innovative schools which already value personalization.

(iii). **Assumptions about Learners:** MDLT assumes that learners have *at least some capacity for autonomy and self-reflection*. It presupposes that by late adolescence, individuals can engage in thinking about purpose (research supports this, showing even adolescents can articulate purpose when guided (GGIE, 2025; Durmonski, 2023]). It also assumes a normative stance that *having a sense of mission is beneficial* for learners – an assumption backed by evidence on purpose and positive development (GGIE, 2025). MDLT might be less applicable to very young children (for whom play and broad exploration are more appropriate) or to learners in crisis who need immediate remediation or support before engaging in higher-order reflection. However, elements like identifying interests and strengths can start early, and a simplified form of "what do you love and how could you help others with it?" can be asked even in middle school.

(iv). **Cultural and Faith Contexts:** The theory is articulated from a particular (Judeo-Christian) worldview regarding calling. Adapting it to plural

contexts is part of its scope, but it works best in environments willing to discuss questions of meaning, values, and identity. In some educational cultures that are strictly utilitarian or test-score driven, MDLT might face resistance or require gradual introduction. Moreover, MDLT's full flourishing likely occurs when there is at least openness to transcendent or moral purpose beyond material success. We assume educators implementing MDLT have a commitment to student holistic development, not just academic metrics.

(v). **Outcomes Considered:** MDLT is concerned with long-term, holistic outcomes such as life satisfaction, contribution to society, career persistence, and well-being, in addition to conventional academic achievement. It does not narrow success to immediate test scores or job placement rates (though we hypothesize those can improve too with motivated learners). Stakeholders who only value short-term academic metrics might question MDLT's focus; thus, the theory's scope includes advocating for broader definitions of educational success.

In conclusion, MDLT's constructs define a comprehensive approach to orienting education around life mission, within the bounds of contexts where personal development and curricular flexibility are possible. We next present the conceptual model illustrating how these constructs interact causally to produce desired outcomes.

5. Conceptual Model

The conceptual model of MDLT describes the dynamic interplay of the constructs and offers a causal narrative: discernment and experiences build mission clarity; gifts and formation shape competence; mission clarity and competence interact to produce alignment; community confirmation moderates the path from clarity to alignment; alignment leads to positive outcomes such as impactful contribution, persistence in one's role or field, and personal well-being; and the entire process is iterative across seasons, with checkpoints for re-discernment (seasonality) ensuring sustained alignment over time. This model can be visualized as a schematic diagram (Figure 1) in which the core elements are connected by directional arrows and feedback loops:

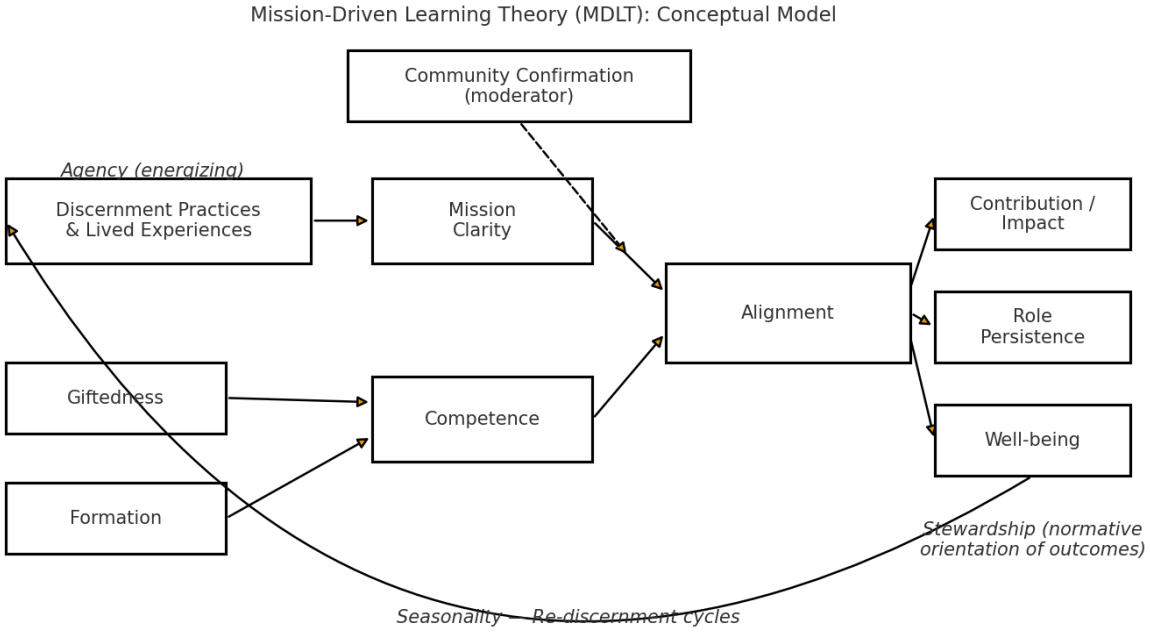

Figure 1. Mission-Driven Learning Theory (MDLT): conceptual model. *Calling discernment and lived experiences build Mission Clarity; Giftedness and Formation develop Competence. Mission Clarity and Competence interact to produce Alignment, with Community Confirmation moderating the clarity→alignment path. Alignment predicts Contribution/Impact, Role Persistence, and Well-being. A seasonality loop indicates scheduled re-discernment cycles across life stages; Agency energizes progression and Stewardship orients outcomes toward the common good*

At the left of the diagram**, Calling Discernment and Lived Experiences** feed into Mission Clarity. As individuals engage in discernment practices (reflection, counsel, trial projects) and accumulate real experiences (volunteering, internships, spiritual encounters), they develop a clearer sense of what their mission is. This is depicted by an arrow from "Discernment & Experiences" to "Mission Clarity." For example, a student may volunteer at a community health clinic (lived experience) and through reflection come to realize a passion for public health, sharpening their mission to address health disparities.

Giftedness and Formation together contribute to the development of Competence. The model indicates that a person's unique gifts influence which competencies they develop most readily or excel in, and their character formation influences how they approach skill-building (with discipline, ethics, etc.). Thus, arrows run from Giftedness to Competence and from Formation to Competence. These acknowledge that talent provides an initial capacity that education hones into skill, and virtues like perseverance ensure that one fully develops those skills. For instance, a mathematically gifted student (giftedness) who has learned diligence and honesty (formation) will likely achieve high competence in engineering through dedicated study and will apply those skills responsibly.

Mission Clarity and Competence are shown as jointly producing Alignment. In the diagram, Mission Clarity and Competence might be represented as two converging arrows into the Alignment construct. The logic is that alignment is achieved when there is both a clear mission *and* the competencies (and gifts/formation) to pursue it effectively. If one has clarity but no competence, alignment is low (one knows one's mission but isn't equipped yet – perhaps a state for a novice at the start of education). If one has competence but no clarity, alignment is also low (one has skills but is aimless or in the wrong field). It is the interaction of clarity and competence that yields alignment – depicted conceptually by an interaction term or a starburst at the convergence. As alignment increases (i.e., the person is doing what they are meant to do and is capable of doing it well), the model anticipates certain outcomes downstream.

A moderating influence is that of **Community Confirmation** on the path from Mission Clarity to Alignment. Graphically, this could be a line from Community Confirmation intersecting the arrow from Mission Clarity to Alignment, marked as a moderator. This means that the positive effect of mission clarity on achieving alignment is stronger when community confirmation is high and weaker (or prone to distortion) when it is low. Essentially, even if someone is convinced of their mission, without feedback and validation from wise community voices, they might mis-align (either by chasing a misperceived calling or lacking the network support to enact it). Community confirmation can curb the risk of *overconfidence* or self-delusion by providing reality checks and guidance. For example, a student might be very clear that they want to be an entrepreneur (mission clarity), but mentors in the incubator program point out that their strengths might suit a different role or that they need more preparation – this feedback, if heeded, adjusts the student's path (alignment) to be more realistic and ultimately more successful. In contrast, a lack of any external confirmation could lead the student to push ahead in misalignment, perhaps leading to failure or disillusionment.

Alignment, once achieved to a significant degree (for instance, by the time of graduation or early career), is posited to predict important **Outcomes**: specifically, *Contribution Impact*, *Role Persistence*, and *Well-being*. These are depicted to the right of Alignment, with arrows from Alignment to each outcome. *Contribution impact* means the tangible positive effect of one's work or service – e.g. measurable community improvements, innovations, lives touched – which we expect to be greater when someone is operating in their area of calling and strength (stories of highly aligned individuals often show outsized impact). *Role persistence* refers to stability and faithfulness in one's vocational path – someone with alignment is less likely to abruptly change majors or careers out of dissatisfaction, and more likely to persevere through challenges because

they have a "why" that sustains them. This addresses education's retention and career turnover issues: MDLT anticipates that mission-oriented students will be more engaged and stick with their program or job if it aligns with their calling, reducing drift and attrition. *Well-being* encompasses job satisfaction, sense of meaning, mental health, etc. Past research shows that those who see their work as a calling report higher job and life satisfaction (GGIE, 2025). Thus, alignment should correlate with flourishing – the diagram would have Alignment pointing to Well-being, reflecting outcomes like fulfillment and lower burnout. Essentially, when one's work and learning align with one's mission, work is experienced not as a burden but as a meaningful pursuit, which is protective against burnout (the sense of purpose acts as a buffer to stress).

Surrounding the entire model is a cyclical arrow labeled **Seasonality (Re-Discernment Cycles)**. This indicates that over time, there are iterations. After some years of working in alignment, a person might encounter a new life stage or external change prompting re-discernment – for example, considering a shift in mission focus or re-training (perhaps moving from direct practice to teaching the next generation, as often happens in mid-career professionals). Seasonality ensures the model is not linear but cyclical and adaptive. An aligned individual can become misaligned if they grow but their role doesn't, or if their mission clarifies further. Thus, planned reflection points (e.g. a mid-career sabbatical or a graduate program enrollment) feed back into renewed Calling Discernment and Mission Clarity, updating the cycle. In a figure, seasonality could be drawn as a circular arrow looping from outcomes or later stages back to the beginning of the process, encompassing the whole model in a spiral.

Implicit in the model but also noteworthy is the role of **Agency** and **Stewardship** (which might not be separate boxes but embedded in how the process functions). Agency is what propels the individual through the model – the personal drive to engage in discernment, practice gifts, seek alignment. Stewardship influences the direction of outcomes – ensuring that as alignment and impact increase, they are oriented ethically and benefit others. If one were to include them explicitly, agency might be an energizing force indicated by a lightning bolt icon pushing the person through each stage, and stewardship might be a guiding compass icon keeping the outcomes in check with values.

To illustrate concretely: imagine a schematic "Figure 1: Mission-Driven Learning Theory Model." On the left, a box "Discernment Practices & Experiences" with an arrow to "Mission Clarity." Two boxes "Giftedness" and "Formation" with arrows to "Competence." Mission Clarity and Competence arrows converge on "Alignment" at center. A dotted arrow from "Community Confirmation" (above) intersects the arrow from Mission Clarity to Alignment (signifying moderation). From "Alignment" in the center, arrows go out to three outcome boxes on the right: "Contribution/Impact," "Persistence (Retention)," "Well-being (Satisfaction/Thriving)." Finally, a circular arrow labeled "Seasonality – Re-discernment" loops from the outcomes back around to the Discernment box, indicating the cycle continues. This captures the verbal narrative above: discernment yields clarity, gifts+formation yield competence, clarity+competence yield alignment (checked by community), alignment yields good fruit, and the journey continues with adaptation.

Focal Variable	Self-Determination Theory	Person–Environment Fit	MDLT	Risk of Disconfirmation for MDLT
Motivation when autonomy & competence are high but life mission is low	High intrinsic motivation	Moderate engagement	*Moderate-to-low engagement*	If motivation remains high despite low mission clarity

Burnout under value conflict	Moderate	High	*High unless seasonality checkpoint triggers realignment*	If burnout rates do not fall after structured re-discernment
Long-term contribution (10 yrs)	Unspecified	Job performance	*Societal impact aligned with stated telos*	If alumni impact is unrelated to articulated mission

Table 3. Differential Predictions and Falsification Windows

H1 *Early-semester discernment practices (Weeks 1-8) will increase Mission Clarity by* $\beta \geq .30$ *at Semester 2.* ***H2*** *Mission Clarity × Domain Competence at Semester 6 will predict Alignment* ($\beta \geq .20$). ***H3*** *Alignment at Semester 8 will predict Graduation Persistence (OR ≥ 1.50) and Early-Career Role Stability at +12 months (hazard ratio ≤ 0.70).* Through this model, MDLT provides a causal structure that can be empirically tested and practically implemented. The next section will translate this into formal propositions that articulate our key theoretical claims in a form ready for research scrutiny.

6. Propositions

Translating MDLT into testable propositions helps clarify its claims and invite empirical examination. We propose six key propositions:

P1. Mission clarity predicts persistence in learning and reduces program or early-career drift, beyond the effects of prior achievement.

Justification: Students who have a clear sense of purpose or calling are hypothesized to be more resilient and persistent in their educational path. Even controlling for prior academic achievement (grades, test scores), mission clarity should add explanatory power for outcomes like continuous enrollment, program completion, or sticking with one's chosen field in the early career years. Prior research supports this logic: for example, adolescents with identified "purposeful work goals" find schoolwork more meaningful and report greater motivation (GGIE, 2025; Yeager & Bundick, 2009). Yeager and Bundick (2009) found that youth with a sense of purpose connected their academic efforts to that purpose and, as a result, engaged more deeply Yeager & Bundick, 2009). In higher education, having a career purpose has been linked to lower dropout rates and better adjustment (e.g., students who feel their studies have a meaningful direction are less likely to drift or change majors arbitrarily) (Moran, 2018). Mission clarity provides a stabilizing "North Star" that keeps learners from quitting when challenges arise or from being swayed by every alternative opportunity. Conversely, lack of clarity often manifests as frequent switching of majors, "shopping around" in jobs post-graduation, or disengagement – patterns seen in graduates who wander through several false starts. We expect empirical research to show that, all else equal, a one-unit increase in measured mission clarity (e.g., via a Purpose Scale) is associated with a significant decrease in the likelihood of dropping out or changing majors, even controlling for GPA, socioeconomic status, etc. A longitudinal study could test P1 by measuring incoming students' purpose clarity and tracking their academic persistence. We predict a positive association, confirming that mission clarity contributes uniquely to persistence beyond academic ability. This addresses a major practical problem in education – many students leave or change direction not for lack of ability, but for lack of *why*. MDLT posits that strengthening the *why* (telos) combats this drift.

P2. Alignment between one's gifts, formation (character), and chosen learning pathway predicts greater gains in competence and higher well-being than misalignment.

Justification: Alignment here refers to a congruence measure: how well a student's program of study or training corresponds to their known strengths and values. P2 suggests that students in high alignment will both learn more effectively (competence gains)

and experience better well-being (satisfaction, stress management, etc.) compared to those in a state of misalignment. This is rooted in person-environment fit theory (GGIE, 2025) and self-determination theory. When students use their signature strengths in pursuing goals they value, they tend to enter a state of intrinsic motivation and "flow" which enhances learning outcomes and psychological health. For example, research on strengths-based education shows that when students can leverage their strengths in academic work, they achieve more and feel more fulfilled (GGIE, 2025). Complementing calling research, the definitive meta-analysis on person–environment fit found a corrected mean correlation of .43 with job satisfaction and .31 with performance (Kristof-Brown, Zimmerman, & Johnson, 2005). In higher education, a 60-study meta-analysis of interest–major congruence showed that students whose Holland types match their field earn GPAs .17 SD higher and are 25 % more likely to persist (Nye et al., 2017). These findings strengthen P2's claim that alignment between mission, gifts, and learning environment yields both competence gains and psycho-social flourishing. In an academic context, a student aligned with their gifts (say a socially gifted, empathetic student in a human services major, as opposed to being in, say, an isolated lab environment) is likely to excel and feel happier. Well-being indicators such as lower anxiety, higher life satisfaction, and academic self-concept are expected to be higher in aligned students (GGIE, 2025). Competence gains can be measured by grades, skill assessments, or performance tasks; alignment should facilitate deeper engagement and persistence at tasks, leading to mastery. Misalignment, by contrast, often leads to disengagement or poorer performance – e.g., a highly creative student forced into a rote learning environment might underperform and feel frustrated. P2 can be tested by assessing alignment (via surveys on whether students feel their studies reflect their strengths and values) and correlating with academic outcomes and surveys of well-being. We anticipate a significant positive correlation: those who report high alignment show higher GPA or competency test improvements and higher well-being scores, controlling for baseline ability or well-being. This proposition reinforces that *fitting the person to the learning pathway* (not just the pathway to generic standards) yields benefits.

P3. Participation in structured discernment practices increases mission clarity, which in turn mediates gains in motivation and transfer of learning.

Justification: This proposition implies a causal sequence: implementing interventions like workshops on purpose, reflective journaling, mentorship, or service-learning (all examples of discernment practices) will boost students' clarity about their mission/purpose. That improved mission clarity then leads to higher academic motivation and better transfer of learning to real-life contexts. The idea is that when students regularly reflect on and refine their "why," they connect their coursework to that reason, which energizes their effort and helps them apply what they learn beyond the classroom. There is evidence for each link. On the first link: purpose development programs have shown efficacy (Beloborodova & Leontiev, 2024). For instance, one study tested a purpose-focused curriculum for college students and found it indeed increased students' sense of calling and vocational identity compared to controls (Beloborodova & Leontiev, 2024). Another example, as found in an educational intervention, having high school students write about how learning could help them contribute to their community significantly increased their academic effort (a self-transcendent purpose intervention) (Yeager & Bundick, 2009). A recent multi-site RCT with 3,674 secondary students confirmed these effects: a brief self-transcendent purpose writing task improved science course grades by 0.18 GPAs and reduced semester failure odds by 22 % (Yeager et al., 2014). A meta-analysis of purpose interventions across 26 studies likewise reported medium effects on self-regulation ($g = 0.45$) and near-transfer learning ($g = 0.34$; Yeager et al., 2014), providing strong causal backing for P3. On the second link: once students have more mission clarity, we know from earlier arguments that their motivation (especially intrinsic motivation) rises (GGIE, 2025). They see meaning in tasks and are more likely to persist and do deep learning. Transfer of learning – the application of knowledge to new situations – is often a challenge in

education. But if a student has a clear context or mission to apply knowledge to, they are more likely to connect theoretical concepts to practice. For example, a business student with a clear mission to alleviate poverty may more readily transfer concepts from economics class to designing a social enterprise model, because they are constantly filtering knowledge through the lens of that mission. Empirical work can test P3 by randomly assigning some students to undergo structured calling discernment activities (e.g. a semester course on vocation, with reflective exercises and service projects) and others to a control condition, then measuring changes in mission clarity and subsequent motivation (e.g. using the Self-Regulation Questionnaire or measures of engagement) and transfer (perhaps via scenario-based assessments requiring applying knowledge). We expect to see that the intervention group shows significant increases in purpose clarity, which statistically mediates (explains) higher motivation and better performance on transfer tasks. P3 underscores MDLT's claim that *intentional pedagogical practices aimed at calling discernment have downstream academic benefits* – they are not fluffy add-ons, but leverage points for better learning.

P4. Community confirmation moderates the effect of self-perceived calling on outcomes: specifically, when a student's sense of calling is affirmed by mentors or peers, it leads to stronger positive outcomes (e.g. confidence, goal progress), but when unconfirmed it may lead to overconfidence or "vocational illusion" that hampers development.

Justification: This proposition addresses the social dimension of calling. A student's self-perceived mission (*"I believe I am called to do X"*) can have powerful motivational effects – but without reality checks, it might become unrealistic or disconnected from actual aptitude (vocational illusion), or even narcissistic. We posit that confirmation from the community (like mentors saying "Yes, you have a real gift and passion for this, I see it in you" or a community benefiting and validating the student's contribution) will amplify the positive effect of having a calling, while lack of confirmation or negative feedback (*"this might not be your strength"*) will dampen it or protect against potential negative outcomes. Support for this comes from vocational research noting that having an *"unanswered calling"* or unsupported calling can lead to distress (Abouras, 2021; Duffy & Dik, 2013). Other studies have found that people reporting a calling without living it out (which could be due to lack of opportunity or perhaps lack of fit) have lower well-being than those living their calling (Dobrow et al., 2023). Community confirmation can be seen as a proxy for alignment and opportunity – if your mentors and relevant community encourage you, you're more likely to get opportunities to act on your calling and do so effectively. Conversely, if everyone around you is skeptical of your perceived calling, maybe you either misdiscerned or you'll face barriers, and charging ahead regardless might lead to failure or disappointment (overconfidence effect). We can test P4 by measuring calling (self-perceived) and gathering data on confirmation (like a mentor-rated scale of *"I think this student's goals are a good fit for them"* or if applicable, a 360-feedback from peers). Outcomes to examine might include progress towards goals (like how many steps taken in career preparation), skill improvement, or psychological outcomes (confidence vs. frustration). The moderation means we'd likely find that self-perceived calling is strongly correlated with, say, academic project success only when confirmation is high. If confirmation is low, those with high self-belief in a calling might actually not perform any better (or could even perform worse if overconfidence leads to ignoring constructive feedback). This proposition is important to address a critique: MDLT doesn't encourage students to follow pipe dreams blindly; it insists on a dialogue with community truth-telling. P4 encourages educators to integrate feedback loops, such as panels or mentoring, precisely to calibrate student callings with reality.

P5. Programs organized around MDLT (with integrated calling curriculum, mentoring, and personalized pathways) yield stronger long-term contribution outcomes than knowledge-only or competency-only designs, when controlling for incoming student characteristics.

Justification: P5 is a macro-level claim: if you implement MDLT in an educational program, the

graduates of that program will on average contribute more in their careers and communities long-term than graduates from a traditional program, assuming similar starting populations. Contribution outcomes could be operationalized as things like leadership roles attained, innovations created, community service engagement, or recognized accomplishments in one's field after, say, 5-10 years. This is admittedly an ambitious proposition and challenging to test, but not implausible. Supporting reasoning: A curriculum that explicitly cultivates mission and alignment should produce graduates who are purpose-driven, aligned, and resilient, which in turn fosters greater impact (a motivated individual will seek opportunities to make a difference, not just punch a clock). Gallup's large-scale studies lend credence: college alumni who had mentoring and "experiential and deep learning" opportunities (akin to MDLT elements) are more likely to be engaged in their work and thriving in well-being later (Howell, 2018; Gallup & WFF, 2024). Engagement at work often correlates with higher performance and impact. Additionally, consider anecdotal evidence: institutions like certain purpose-driven colleges or faith-based universities often tout that their alumni disproportionately go into service-oriented careers or leadership – indicating an effect of mission-centric education. MDLT would predict that if two schools have similar student bodies at entrance, the one embedding mission discernment, mentorship, etc., will see more of its grads actually stick with and excel in fields that matter to them. A quasi-experimental evaluation could compare, for instance, an MDLT-based honors program vs. a regular program, or an institution that implements a "purpose curriculum" vs. one that does not, tracking outcomes in alumni surveys. We would control for SAT scores, GPA, etc., to ensure differences are due to the program, not selection. The expectation (P5) is that the MDLT group would report higher rates of meaningful accomplishments: e.g., they started more nonprofits, achieved notable advancements in their companies, or remained in service professions with greater satisfaction, compared to the non-MDLT group. This proposition essentially claims that MDLT doesn't just feel good – it produces tangibly different kinds of graduates, those who are change agents or high contributors. It's a bold claim requiring longitudinal research.

P6. Seasonality checkpoints that invite re-discernment reduce burnout and premature career foreclosure, improving sustained alignment over time.

Justification: This proposition addresses the longevity of one's vocational journey. *Premature foreclosure* is a term from identity development (Marcia, 1966) referring to committing to an identity without sufficient exploration. In careers, it could mean locking into a particular job identity too early (perhaps due to parental or financial pressure) and later regretting it, or conversely, stubbornly sticking to an early-career mission without adapting even as one's circumstances change, potentially leading to burnout. P6 posits that if educational programs (and later workplaces or professional bodies) intentionally introduce periodic *"seasonality checkpoints"* – structured times to reflect, possibly pivot or adjust one's path – individuals will experience less burnout (emotional exhaustion, loss of enthusiasm) and avoid getting stuck in ill-fitting roles. Instead, they will maintain or regain alignment. Evidence for this can be extrapolated from research on *career adaptability* and mid-career development. Savickas' career construction theory suggests that revisiting one's narrative and adapting is key to career satisfaction. Also, studies show that people who engage in lifelong learning or make planned career changes often report renewed engagement rather than burnout. Burnout tends to happen when one feels trapped in a mismatch between self and work or when work lacks meaning – seasonality encourages re-aligning work with evolving self and mission, thereby re-infusing meaning (de Bloom et al., 2012). Another thread of evidence: In employee wellness literature, sabbaticals or structured reflection interventions are linked to improved well-being and retention post-sabbatical (people come back rejuvenated, often with new purpose) (Davidson et al., 2010). To test P6, one might implement an intervention where young professionals attend a guided retreat or reflection seminar at certain intervals (say, two years into a job, or during grad school transitions) vs. a control group that doesn't. Outcomes measured

could be burnout scales, and whether they make any positive career adjustments (e.g., shifting roles in their organization to better use strengths). We expect those with checkpoints show lower burnout and are more likely to realign their responsibilities to fit their core mission. In an academic context, students given a chance each year to reconsider and tweak their educational plan (without penalty or stigma) might end up more satisfied and on-track by graduation, whereas those who feel locked in from year one might burn out or drop out. Essentially, P6 underscores flexibility within faithfulness – MDLT is not rigid one-and-done; it encourages a healthy cycle of renewal that ultimately extends one's capacity to contribute without flaming out. If supported, this proposition would advocate that educational and organizational policies incorporate periodic reflection and re-planning phases as a norm.

Together, these six propositions capture the crux of MDLT's testable claims: the importance of purpose for persistence (P1), the benefits of person-mission fit for performance and health (P2), the impact of intentional discernment on motivation (P3), the need for external validation in pursuing a calling (P4), the holistic success of MDLT programs (P5), and the value of cyclical realignment to prevent burnout (P6). These propositions can be investigated through mixed-methods research, longitudinal tracking, experiments, and comparative program evaluations. They also provide a roadmap for institutions considering MDLT: each proposition hints at a practice (help students clarify mission; tailor pathways to strengths; implement discernment curricula; involve mentors; design the whole program around mission; have regular reflection points). Next, we discuss how to translate these ideas into concrete practice architecture. To translate intentions into a research program, we specify concrete designs, data, and power for each proposition (Table 4)

Proposition	Design & sample	Primary measures	Analysis & power
P1 Mission clarity → persistence	Two-arm RCT of 8-week discernment module vs skills-only control; N≈800 Year-1 students across 4 campuses	MAI-Clarity; enrollment status; GPA; CVQ Presence (conv.)	Logistic regression for persistence; detect OR ≈ 1.50 with N≈800; robustness DiD on historical controls (Dik et al., 2012)
P2 Clarity × Competence → Alignment, health	Longitudinal SEM over 4 semesters; N≈1,000	MAI subscales; P–O values fit; WHO-5	Latent interaction SEM; test burnout reduction; invariance by first-gen
P3 Discernment → Motivation/transfer	Cluster RCT at course level; 40 sections	Engagement (UWES-S); far-transfer tasks	Multilevel models; ICC-adjusted power; SRMR ≤ .08 (Carmona-Halty et al., 2019)
P4 Community confirmation moderates path	Realist multi-case study + SEM	Mentor 360; moderation	Qual + quant triangulation; interaction $\Delta R^2 \geq .02$
P5 MDLT program vs business-as-usual	Stepped-wedge rollout by cohort; ≥4 campuses	MAI, retention, impact portfolio	GLMM; campus & cohort fixed effects
P6 Seasonality checkpoints reduce burnout	Quasi-experimental (phased checkpoint introduction)	Burnout; role stability at +12m	Cox survival; hazard ratio ≤ 0.70 target

Table 4. Propositions → Designs, Data, and Power

We distinguish mature commitment from *"mission foreclosure,"* where students commit to a path without adequate exploration, often under structural or familial pressures. Following identity-status theory, programs should scaffold exploration before commitment and supply concrete support for first-generation and lower-income learners: stipended internships to offset opportunity costs, proactive mentor matching, and flexible degree maps that preserve mobility between pathways.

7. Practice Architecture

A theory is only as useful as its implementation. The practice architecture of MDLT refers to the concrete design of curriculum, pedagogy, assessment, and institutional structures that bring the theory to life in educational programs. We aim to describe an actionable yet flexible model – an architecture, not a rigid blueprint – that schools or colleges can adapt. The architecture also invites design-based research: (1) a stepped-wedge rollout by cohort, allowing causal inference while ensuring equity; (2) cluster randomisation at course-section level where a Purpose Module is either embedded or withheld; (3) historical-control DiD using archived GPA and retention data from pre-MDLT years. Multi-site sampling (≥ 4 campuses) will guard against idiosyncratic institutional effects. The challenge is to translate MDLT principles into practice without reducing them to a one-size-fits-all program or a mechanistic checklist; it must remain a guiding framework that can integrate with various content domains and educational levels. We outline key elements of the practice architecture:

7.1. **Curriculum Pathways for Mission Discovery:** A conventional curriculum is organized by disciplines and credit requirements. MDLT suggests overlaying (or integrating) a parallel *purpose development curriculum* that accompanies students throughout their education. This could take the form of a multi-year sequence or modules inserted into existing courses. For example, in a four-year undergraduate program, the first year might include a seminar on *"Exploration of Calling and Strengths"* where students engage in self-assessments (e.g. CliftonStrengths, spiritual gifts inventories), read about vocation and purpose, and begin to articulate interests. The second year could involve *"Short Service Studios"* – one- or two-credit practicum experiences where students try out roles related to different missions (e.g. a mini-internship or a service-learning project each term). These studios expose students to real-world issues and tasks, allowing reflection on what resonates. The third year might have "Mission Design Lab" – a space to integrate what they have learned about themselves and various fields, and start aligning their academic specialization with a potential mission. This could involve designing a project or research around their mission question (e.g. if one's mission is urban education reform, perhaps a research project on educational outcomes in local schools). The fourth year could culminate in a "Mission Alignment Portfolio" (discussed below) and a capstone reflection course where students solidify their mission statement and develop a plan for post-graduate steps (job search or further study explicitly linked to their calling). These curricular components run *alongside disciplinary sequences*: a student still majors in biology or history, but they also traverse this mission-focused curriculum that ties everything together. In a faith-explicit college, these courses might incorporate guided prayer and scriptural meditation (for instance, reflecting on Eph 2:10 (CSB) about being created for good works as a devotional exercise). In a secular college, they might focus on meaningful work case studies or personal narrative writing. The key is that *purpose is given a formal place* in the curriculum, not left to chance extracurricular wandering.

7.2. **Pedagogy: Teacher as Guide and Discerner:** MDLT calls for a shift in the educator's role. Teachers become more than content deliverers; they act as *mentors, coaches, and discernment guides*. This harkens to classical concepts of tutors or advisors who know students personally. In practice, faculty under MDLT would incorporate questions of purpose into advising sessions and class discussions. For instance, a professor might begin a project by asking, *"How might this topic connect to the issues or communities you care about?"* Teachers give *formative*

feedback aimed at alignment, not just grading content. If a student completes an assignment in a way that shows creativity aligned with a possible calling (say integrating art into a science presentation), the teacher acknowledges that and might encourage the student to pursue that blend. Conversely, if a student is excelling technically but seems disengaged, an MDLT-oriented teacher might have a one-on-one conversation: "What do you really care about? How could you connect this course to that?" This is a different stance from the typical posture of "sage on stage" or even *"facilitator of content."* It's more personal and intentional about guiding the student's self-discovery. Teacher training would likely need to include elements of *coaching and listening skills*. In faith contexts, teachers might also serve as spiritual mentors, praying for and with students about their direction. Recasting teachers this way does require manageable ratios – smaller advising groups or class sizes for relational pedagogy – which is a structural consideration for institutions adopting MDLT. Also, *peer mentors* could augment faculty guidance; older students trained in MDLT principles could mentor freshmen, creating a community of guidance.

7.3. **Formative Feedback for Alignment:** Traditional assessment often just checks content mastery (e.g. grades on exams). MDLT suggests adding a layer of feedback on how a student's work and trajectory align with their emerging mission. For example, instead of (or in addition to) just giving a grade on a project, an instructor might comment: *"You really lit up when tackling the social justice aspect of this assignment – that could be a clue to your mission"* or *"This writing is technically solid, but I sense your interest lies more in the design side; have you considered that?*" This kind of feedback requires attentiveness and care; it's akin to mentoring in feedback form. Over time, students receive a series of such inputs that help triangulate their calling (one reason MDLT emphasizes community input: multiple voices seeing patterns in the student's engagements). Of course, feedback must be offered wisely – not imposing the teacher's own agenda on the student, but genuinely observing and encouraging. **Assessment** in MDLT thus broadens to include narrative evaluations and coaching comments, not just numeric scores. This aligns with some competency-based or portfolio-based education approaches that already use narrative feedback, but the twist is focusing on mission alignment and personal growth on purpose.

7.4. **Mission Alignment Portfolio:** We propose a capstone assessment tool, the Mission Alignment Portfolio (MAP), which a student develops over their program. The MAP would compile artifacts and reflections demonstrating the student's journey toward alignment of learning with mission. It might include: reflective essays about their calling discernment at different stages; results of interest and gift assessments; a curated selection of academic work that is connected to their mission (for example, a research paper on a topic related to their mission field, a project conducted in the community, creative works, etc.); mentor or supervisor letters that speak to the student's talents and growth (community confirmation evidence); and a personal mission statement or "this I believe" essay about their purpose. The MAP would ideally show coherence – one should see how the student's activities and competencies form a pattern oriented to their goals. Evaluating the MAP would not be about comparing students on a single metric, but ensuring each student has reached a level of clarity and planfulness. In an academic sense, it ensures every student has done the work of integration that typically is missing when they just accumulate credits. The portfolio can also serve as an assessment for program evaluation: reviewers can see how well the program helped students connect the dots. Additionally, the MAP becomes a tangible output for the student, perhaps even useful in job searches or graduate applications as a showcase of their focus and experience. (Indeed, some universities have started asking for personal statements that convey purpose; MDLT would ensure all grads have something meaningful to say.)

7.5. **Integrating Short "Role Trials":** The outline mentioned short service studios and role trials. Concretely, an MDLT program might require students to engage in several "externships" or *"micro-internships"* – brief (perhaps 2-week or

1-month) immersions in different potential callings. For example, a student interested broadly in healthcare might shadow a nurse for two weeks in one term, and a public health advocate for a month in the summer, etc. The point is to give experiential data points for discernment. These are like "clinical rotations" in medical education but for undergraduates across fields. Many liberal arts colleges already encourage internships; MDLT would structure them not just for resume-building but for discernment (with reflection assignments before, during, after). Each trial is a test: "Is this aligned with my gifts and passion? Did I feel alive doing this? Did others affirm my potential here?" The program might build increasing commitment – early tryouts in safe, exploratory roles, later a longer capstone project in the chosen direction (like student teaching for those who feel called to education, or starting a small venture for budding entrepreneurs). The design ensures that by graduation, a student has not only thought about their mission but *acted* on it in controlled settings, reducing the chance of unpleasant surprises after school.

7.6. **Guided Prayer and Scriptural Meditation (in faith contexts):** For faith-based implementations of MDLT (e.g., a Christian university, seminary, or church-based training program), spiritual disciplines are integral. Students would be taught practices such as prayerful listening, discernment retreats (drawing on Ignatian or other traditions of discerning God's will), studying biblical examples of calling (like Moses, Nehemiah, Esther, the apostles) to glean principles. Key verses (Jeremiah 1:5, Ephesians 2:10, etc.) might be memorized and meditated upon in community. Faculty could open class periods by inviting students to connect the subject to their sense of calling and pray for insight. The community might hold commissioning services where they corporately affirm individuals' callings (a direct enactment of community confirmation). These practices sacralize the educational journey, resisting the secular-sacred divide. However, MDLT also acknowledges plural settings, so a secular adaptation might replace "prayer" with mindfulness or values contemplation – exercises that, while not explicitly religious, still encourage deep reflection on meaning.

7.7. **Seasonality Checkpoints:** Practically, how to implement seasonality? Educational institutions run on academic terms. MDLT could institute a "purpose checkpoint" each academic term (or year) where students meet with advisors to revisit their plan. This could be structured, e.g., a short retreat each spring for all sophomores to reflect on their trajectory and change majors if needed without stigma (some colleges have major change deadlines that push students to decide early – MDLT would allow more fluid movement). Perhaps credit-bearing "recalibration workshops" where students research options if they feel misaligned. Also, after graduation, MDLT-enriched programs might offer alumni coaching at 5-year intervals (some universities have career services for alumni; this would be more holistic vocational check-ins). The institution essentially says, *"We recognize your calling might evolve; we're here as a resource when you transition."* This fosters a lifelong perspective, treating "graduation as a handoff to the next discernment cycle" rather than a cut-off. In doing so, alma maters maintain a relational role in alumni vocation, possibly improving alumni satisfaction and engagement (an ancillary benefit).

7.8. **Lifelong Frame:** As just alluded, MDLT frames graduation not as the end but as *commencement* in truth – the start of the next phase of one's calling. An MDLT-oriented school might have programming for new alumni: e.g., a "Year 1 out" retreat where recent grads share experiences and reflect on adjustments to their mission (did reality meet expectations? what is God teaching them now?). They might also connect alumni to current students as mentors (continuing the cycle of community confirmation and guidance). This long view addresses one critique of education – that it's too short-sighted and transactional. MDLT positions educational institutions as partners in a person's vocational journey even beyond formal enrollment.

7.9. **Equity Considerations:** A critical aspect of practice architecture is ensuring that these opportunities for discernment and mission alignment are available to *all* students, not just the privileged. Often, experiences like internships, mentorship, and

purpose exploration can become available mostly to those with social capital (e.g., students whose parents have connections, or who can afford unpaid internships). MDLT architecture must bake in equity: providing funded internships or service studios so that low-income students can participate without financial hardship; ensuring mentorship is available to first-generation students (maybe through formal mentoring programs rather than expecting students to "network" on their own); designing reflective curriculum that is culturally responsive (acknowledging that purpose can be expressed differently across cultures, and one's mission might be very community-oriented or family-oriented, which should be validated as much as an individual career ambition). Equity also means not tracking students in a limiting way – e.g., be cautious that *"gift assessments*" don't pigeonhole minority students into narrow roles *("you're good with people so go into social work,"* when perhaps they also could be great scientists with the right support). Instead, use these tools to empower, not limit. To guard against premature foreclosure, discernment checkpoints will employ open-ended reflections rather than forced-choice 'gift labels'. Outcomes remain advisory; program policy forbids using MAI scores as gatekeeping thresholds for advancement. MDLT would encourage every student to see that they have a unique contribution – a powerful message particularly for those from historically marginalized groups who might doubt their potential. Additional support might be given to students who come in with less exposure to the idea of choosing a calling (some may have grown up with survival as primary, not self-actualization). Through coaching, they can realize they too can have a proactive mission, not just react to circumstances.

In summary, the practice architecture of MDLT involves a tapestry of curricular innovations (purpose seminars, service studios, portfolios), pedagogical shifts (teachers as mentors, reflective and formative feedback), structural supports (mentoring, funded experiences, checkpoint rituals), and a community ethos (norms of reflection, mutual confirmation, and continuous growth). It's not a single program but an ecosystem. Schools adopting MDLT might re-organize advising offices into "Mission Development Centers," retrain faculty, revise graduation requirements to include the portfolio, and forge partnerships with community organizations to supply the needed experiences. Yet, implementing MDLT can be modular – a school could start with a pilot program (say an honors college or a specific department infusing MDLT practices) and then scale up as success is demonstrated.

The practical approach outlined aims to ensure that MDLT doesn't remain an abstract philosophy but becomes a lived reality for students, guiding them to answer, in concrete ways, "What am I called to do, and how is my education helping me get there?" The next section on measurement will discuss how we know if these practices are working, and how to quantify "mission alignment" and related constructs for evaluation and research.

8. Measurement Framework

To evaluate and refine MDLT, we need robust measurement of its key constructs and outcomes. Hypotheses P1–P6 will be tested via (a) logistic regression for persistence ($\alpha = .05$, power = .80, minimal detectable OR = 1.40 with N = 1,200); (b) latent-interaction SEM for Clarity × Competence; (c) PROCESS mediation for Discernment → Clarity → Motivation/Transfer; (d) multilevel stepped-wedge DiD models for cohort-level outcomes; (e) Cox survival models for role persistence. This section proposes a **Mission Alignment Index (MAI)** and related metrics, along with data sources and analytic strategies to assess both individual progress and program effectiveness.

8.1. Mission Alignment Index (MAI): The MAI is envisioned as a composite score reflecting how well a learner's current educational or work pathway aligns with their identified mission. We provide an illustrative 30-item MAI (five items per subscale) to anchor content validity. Respondents rate each item on a 5-point Likert scale (1 = strongly disagree to 5 = strongly agree). Scoring yields six subscale means and a second-order Alignment factor. Reliability targets: ω

≥ .80 per subscale; test–retest r(3 months) ≥ .70 for Clarity and Gift-Use, with expected change-sensitivity for Alignment following interventions. CFA targets: CFI/TLI ≥ .95; SRMR ≤ .08; RMSEA ≤ .06, recognizing these as guidelines, not rigid thresholds (Cohen, 1992; McNeish, 2018; Hu & Bentler 1999). It would aggregate indicators across several dimensions:

(i). Mission Clarity Score: How clear and articulated is the individual's sense of mission? This could be measured via a self-report instrument asking the extent of agreement with statements like *"I have a clear sense of my purpose in life"* or *"I can articulate what I feel called to do"* and perhaps a short-answer that is scored for specificity and coherence. Existing scales like the *Clarity of Purpose* subscale from Damon's purpose questionnaire or the *Calling and Vocation Questionnaire (CVQ)* by Dik et al. (2009) can be adapted (Abouras, 2021). Examples: *"I can succinctly state the contribution I am aiming to make." "My long-term direction remains steady even when short-term plans change." "People who know me would likely agree on what I am trying to accomplish." "I can name the communities I most hope to serve." "I know what I must keep learning to fulfill my direction."*

(ii). Gift-Use Alignment: How much does the person's daily work/learning engage their top gifts or strengths? We might use results from a strengths assessment (like StrengthsFinder or VIA Character Strengths) and then ask the person to rate whether those strengths are utilized in their major or job. For example, if someone's top strength is creativity and they are in a highly rote learning environment, alignment is low. A high alignment score would mean *"My studies/work allow me to regularly use my talents in X, Y, Z."* Examples: *"Weekly, I use my top strengths in core tasks." "My assignments require the talents I'm best known for." "When I work, my strengths feel actively engaged." "Key deliverables play to what I do uniquely well." "I'm coached to deploy my strengths, not hide them."*

***(iii).* Formation-Values Alignment:** Does the environment and the tasks align with the person's core values and the character they want to embody? We could survey values congruence – e.g., if a student values helping others, is that value expressed in their current projects? Some measures from person-organization fit research gauge alignment of personal and institutional values. Examples: *"My daily tasks align with my core values." "I am becoming the kind of person I aspire to be as I study/work." "Ethical questions are addressed, not avoided, in my context." "My effort improves both skill and character." "Feedback here challenges me to grow in integrity."*

(iv). Community Confirmation Indicator: Has the individual received external affirmation of their path? This could be binary or scaled: e.g., *"At least one mentor or teacher has strongly affirmed that this path seems like a good fit for me"* – Yes/No, or *"How much encouragement/validation have you received from others regarding your career direction?"* Likert scale. Additionally, a 360-feedback style could be incorporated where mentors rate the alignment they perceive for the student (with consent). If multiple voices echo *"this makes sense for you,"* that boosts the index. Examples: *"A mentor has affirmed that my path 'fits' me." "Trusted others encourage my current direction." "Peer feedback has sharpened, not confused, my focus." "Leaders in my field see me as well-matched to this work." "I receive constructive corrections that improve my fit."*

(v). Engagement and Flow: The person's engagement level in current learning tasks can reflect alignment. We might include a subscore from something like the UWES (Utrecht Work Engagement Scale) adapted for students, or ask how often they experience flow or deep enjoyment in their studies (Csikszentmihalyi, 1990). High engagement typically signals one is in the "right place" for them. Examples: *"I often feel energized and absorbed while studying/working." "Time passes quickly when I'm on core tasks." "I persist even when difficult challenges arise." "My work feels significant." "I look forward to the next opportunity to contribute."* (UWES-S convergent (Carmona-Halty et al., 2019; Gusy et al., 2019])

(vi). Outcomes Achieved: Though more a result than a component, we might include a track record element: has the person already undertaken

projects or roles consistent with their mission (e.g., a student aspiring to be a social entrepreneur has already started a campus initiative or internship in that area)? It shows they're not just talking, but walking in that direction – a sign of alignment between talk, intention, and action. Examples: *"I have completed projects that tangibly serve my stated mission." "My portfolio evidences growing impact." "Internships/placements match my direction." "I have initiated opportunities consistent with my mission." "Others cite my work as useful to our community."*

Validation plan: establish content validity via expert panel review; convergent validity with calling/purpose measures (e.g., CVQ Presence; Work and Meaning Inventory); discriminant validity vs general positive affect; Fornell–Larcker AVE > .50; HTMT < .85 (Hu & Bentler, 1999). Criterion validity: predict semester-over-semester persistence, GPA, role stability at +12 months (Cox models), and well-being. Multi-group invariance across gender, first-generation status, and culture (configural → metric → scalar) (Fornell & Larcker, 1981; Dik et al., 2012).

The MAI could be computed at key milestones (e.g., end of sophomore year, end of senior year, or early career) as a profile. It allows comparison across individuals or groups (e.g., do MDLT program students have higher MAI than non-program students? Does MAI in senior year predict success 5 years later?). **Other Construct Measures:** Beyond the index, we want measures for each construct to research the model:

(vii). ***Mission Clarity:*** As mentioned, either an existing scale or a new scale focusing on clarity and stability of purpose (test-retest stability could be considered – calling can evolve, but we'd measure relative stability: frequent drastic changes imply lack of clarity). There's the 2-item Brief Calling Scale (Dik et al., 2012) which measures sense of calling presence (Abouras, 2021). That's a start, but MDLT might require more nuance, so maybe a multi-item scale specifically for students.

(viii). Calling Discernment Process: This could be measured by looking at participation and time invested in discernment practices (like log hours in reflection, mentoring sessions, etc.) or qualitatively by coding journal entries for depth of discernment.

(ix). Giftedness: We can incorporate standard aptitude tests or strength surveys. Also, self-efficacy in one's gifts – how confident are they in their key abilities? The ERIC study we saw used a "strengths self-efficacy" measure (Abouras, 2021) which was predictive of calling, showing the interplay.

(x). ***Formation:*** Could be proxied by a character growth measure. Many moral/character inventories exist (integrity, empathy, etc.). Possibly a self-report of how they've grown in certain virtues or fruit-of-the-spirit if faith context. Also behavioral indicators like ethical behavior, service hours, etc.

(xi). Competence: Traditional academic outcomes (GPA, test scores) measure some aspects, but we might want competency-based assessments relevant to mission (for example, if mission is research, maybe number of research projects or quality of senior thesis). Some programs might adapt e-portfolio rubrics to see if students meet certain competencies aligned to their goals.

(xii). Alignment: besides MAI, one can measure perceived alignment directly: e.g., ask "On a scale 1-10, how aligned do you feel your current education/career is with who you are and what you want to do in life?" It's subjective but telling.

(xiii). Seasonality Implementation: Count or record when students pivot or reaffirm – for analysis, note how many made use of checkpoint opportunities, and correlate that with burnout or satisfaction later. Career Construction Theory positions vocational identity as an evolving life story; 'life-design' interventions foster narrative coherence across seasons, predicting self-clarity and adaptive career behaviors two years later (Savickas & Porfeli, 2012; Nota & Rossier, 2015)

(xiv). Community Confirmation: track mentorship – how many mentors did students engage with, what's the quality (maybe network size or

closeness centrality measures, or content analysis of mentor letters in the portfolio).

(xv). Agency: could use a measure from motivation theory, like the Self-Determination Scale or locus of control, or even track who initiates things (like how often a student meets advisor without being forced – indicating proactive agency).

(xvi). Stewardship Attitude*:* measure by agreement to statements like "I feel a responsibility to use my education for something bigger than myself." Those who strongly agree show a stewardship mindset.

Sampling and power: for the six-factor MAI with a second-order Alignment factor (≈ 30 items; ~75 parameters), we target N ≈ 800–1,000 across ≥ 4 campuses to achieve stable CFA solutions and invariance tests. For small effects on outcomes (d ≈ .20) in two-arm purpose-module RCTs, plan ~400 participants per arm for 80% power at α = .05. Report ω rather than α as the primary reliability estimate (Hu & Bentler, 1999).

Item pool (≈ 60 items) will be generated deductively, mapped to the ten constructs. Steps: **(1)** expert panel review (content validity index > .80), **(2)** pilot survey (N ≈ 300) with exploratory bifactor EFA (PA & Velicer's MAP) to test a general Alignment factor, **(3)** CFA on independent sample (N ≈ 600) targeting CFI > .95, RMSEA < .06, **(4)** ωH and ωtotal for reliability, **(5)** 8-week test–retest (ICC ≥ .70), **(6)** convergent validity versus the CVQ–Calling scale, **(7)** discriminant validity against General Self-Efficacy, **(8)** criterion validity with GPA, credit accumulation, practicum ratings, and **(9)** multigroup invariance across sex, major cluster, and faith-identity.

8.2. Data Sources: ***Surveys and Questionnaires:*** to capture internal states (purpose, confidence, etc.). Both self and 3rd-person (mentor, peer) versions could be used for a multi-rater perspective. - *Portfolios and Reflections:* qualitative data (essays, journal entries) can be coded for themes like clarity of mission, evolution over time, etc. Modern NLP (natural language processing) could even assist by analyzing language coherence around purpose (just a thought for research, albeit complex). - *Administrative Data:* like retention records, major changes, internship participation, involvement in related clubs (which can indicate alignment if a student's outside activities match mission). - *Performance tasks:* For example, to measure transfer of learning (from P3), one might design a scenario relevant to their mission and see if they apply coursework knowledge effectively – a kind of simulation evaluation. - *Interviews:* For deeper understanding or validating instrument results.

8.3. **Analytic Strategies:** ***(i). Structural Equation Modeling (SEM):*** could be used to test the conceptual model (like verifying that discernment -> clarity, gifts+formation -> competence, clarity*competence -> alignment, moderation by confirmation, etc.). A longitudinal SEM or cross-lag panel could see if earlier clarity predicts later outcomes controlling for prior outcomes, indicating a likely causal direction (though ideally experiments would give more causal evidence). ***(ii). Mediation and Moderation Analysis:*** to test P3 and P4 as described. For P3, show that discernment interventions increase motivation via clarity (mediator). For P4, use interaction regression to show calling*confirmation interaction predicting outcome. ***(iii). Comparative Outcomes:*** using methods like propensity score matching or difference-in-differences if we compare MDLT program participants to others to reduce selection bias in P5. If random assignment is possible (like a lottery into an oversubscribed program), that's the gold standard. ***(iv). Realist evaluation:*** The outline suggests a *"realist synthesis"* in research agenda, meaning understanding *what works for whom under what conditions*. We might analyze subgroups: does MDLT impact differ by first-gen vs continuing-gen students? By major? By personality type? This helps refine scope and approach. ***(v). Longitudinal follow-ups:*** tracking cohorts at multiple time points (entry, mid, exit, 5 years out) to see trajectory differences. ***(vi).Network analysis:*** Perhaps to examine community confirmation, one could map a student's mentoring network. A richly mentored student might have higher alignment. There's research on developmental networks in careers that could be applied.

8.3. Metrics Examples: ***(i). Contribution/Impact metrics:*** Number of civic engagement activities alumni partake in; social impact (maybe measured by indices like do they work in non-profit or in roles explicitly serving community? Or if in the private sector, do they lead CSR initiatives, etc.). Self-reported *"I feel I am making a positive impact"* (subjective but meaningful). It's tricky but perhaps awards/honors or promotions could proxy impact in some fields. ***(ii). Persistence metrics:*** retention rates, job tenure length in first role (if mission clarity reduces frantic job hopping for meaning), or conversely, an intentional career change (some might leave a misaligned lucrative job sooner if they have clarity, which is a *positive* outcome in context). ***(iii). Well-being metrics:*** standard scales like life satisfaction, work engagement, perhaps lower levels of reported depression/anxiety or burnout among grads. ***(iv). Mission Fulfillment***: down the line, we could even measure if graduates achieve what they set out (e.g., a student said *"I want to start a business to do X"* – did they do it by 5 years out?). Not all success is immediate, but eventually, we'd want to see a higher rate of realized callings.

The measurement framework thus spans from micro (psychological scales) to macro (career outcomes). It serves both research (testing MDLT's propositions) and practice (feedback for continuous improvement: if a student's MAI is low in junior year, that's a flag to intervene and support re-alignment; if an entire cohort has low mission clarity, the program may need strengthening in year 1-2 curriculum).

By using data, MDLT does not remain an idealistic notion; we can quantify its effects and identify where it works or needs adjustment. Importantly, all measures must be *real and verifiable* (the user's guideline emphasized using real sources and not fabricating citations – by analogy, we emphasize using validated scales and not making up pseudo-metrics without grounding). There is indeed an existing body of "purpose in life" and "calling" measures in psychology that can be leveraged (GGIE, 2025; Dobrow et al., 2023).

In conclusion, the measurement framework for MDLT includes the **Mission Alignment Index** as a central indicator, supplemented by construct-specific measures, with multiple data sources feeding into robust analysis of how aligning education with mission affects both educational and life outcomes.

9. Research Agenda

Mission-Driven Learning Theory opens numerous avenues for inquiry. A multi-pronged research agenda is necessary to build evidence, refine the theory, and guide effective implementation. We propose the following research directions:

(i). Realist Synthesis of Existing Literature: Before (and alongside) new empirical studies, a comprehensive synthesis of what is already known can be conducted. Given that MDLT integrates concepts from different domains (education, vocational psychology, theology of work, etc.), a *realist review* would explore under what conditions purpose-oriented interventions have worked in the past. For example, summarizing results from purpose education interventions in K–12 (Moran, 2018), career calling interventions in college (Beloborodova & Leontiev, 2024), and effects of mentoring on career outcomes. The realist approach seeks to identify context-mechanism-outcome (CMO) patterns – e.g., "In a supportive mentorship context (C), reflection on calling (M) leads to improved academic motivation (O), but in contexts lacking mentor support, the same reflection might not yield change." This review would help refine MDLT's scope conditions and key levers by learning from analogous programs (like liberal arts colleges' mission statements outcomes, or how purpose programs vary by culture). It also can reveal gaps – say we find lots of studies on purpose and academic motivation but few on purpose and actual skill mastery, that highlights an area for primary research.

(ii). Qualitative Case Studies: We recommend in-depth qualitative studies of programs or individuals practicing elements of MDLT. For instance, study a high school that has instituted a "purpose curriculum" or a faith-based college that explicitly focuses on calling (some Christian colleges have

"Center for Vocation" which could be good case studies). Methods would include interviews with students, teachers, and alumni, observations of classes and advising sessions, and analysis of documents (like student portfolios or journals). The goal is rich insight into how MDLT plays out: What challenges do students face in discernment? How do mentors facilitate (or possibly bias) calling development? How does aligning with mission affect classroom dynamics? Such case studies might reveal, for example, that students initially struggle with the idea of having one mission, or that certain pedagogies spark "aha" moments. It could also highlight differences: perhaps one student's journey looks very linear and clear, another's is circuitous – giving understanding that MDLT might need to account for multiple pathways to clarity. Cross-case analysis can compare, say, a secular and a faith-based implementation to see what common core vs. adaptation differences exist (thus informing the "common-grace translation" aspect). These qualitative insights will humanize the theory and possibly uncover new constructs (maybe students talk a lot about identity or family influence, prompting adding those considerations into the theory more explicitly).

(iii). **Quasi-Experiments and Natural Experiments:** Implementing full randomized experiments in educational settings is challenging (ethical and logistical issues, since we can't easily randomly assign students to have or not have purpose). However, we can leverage *quasi-experimental designs*. One approach: find comparable groups where one gets MDLT-like programming and the other doesn't. For example, if one university department adopts a calling-infused curriculum and another department hasn't, we can use differences-in-differences analysis on outcomes before and after the change. Or propensity score matching: if an MDLT program is voluntary, we match participants with similar non-participants to approximate randomness. Outcome measures like persistence, satisfaction, etc., would be compared. There might also be *natural experiments*: sometimes schools implement something due to an external factor (e.g., a grant leads one school to try a purpose-based advising model, while a similar school didn't get the grant), which quasi-experimental logic can exploit as if random. Another creative idea: Many universities have first-year seminar courses – we could randomly assign some sections of a seminar to include a "purpose module" (like students in those sections do a calling reflection assignment) and others to standard content, then measure differences in student engagement or sophomore retention. This is a controlled trial at a micro-level. Also, if funds permit, one could do a randomized controlled trial of a specific MDLT intervention (like a "calling workshop series" vs. waitlist control among students who sign up). Quasi-experiments are vital to address P5 (program effect) in a reasonably causal way. Key outcomes to examine: retention, alignment index improvement, mental health metrics, academic performance, etc., as discussed. With large enough samples and careful design, these can provide evidence that MDLT-like changes cause improved outcomes.

(iv). **Longitudinal Studies and Follow-Ups:** Because MDLT's ultimate claims are long-term (life trajectory, career impact), longitudinal research is required. We propose tracking cohorts of students through and beyond college. For example, an MDLT-enhanced class of freshmen could be surveyed each year through graduation and then at intervals (1 year, 5 years out). We would collect the MAI and other measures repeatedly to see growth curves – do students actually increase in mission clarity over college under MDLT? Does an increase predict later career satisfaction? Also, we can identify different trajectories: some might have high clarity early and maintain it, others start low and spike later (maybe due to a key experience junior year). This informs how different patterns correlate with outcomes. For alumni, we can correlate their college alignment or clarity with their actual career alignment and success. Possibly we can include an alumni control group from before MDLT was implemented (a historical comparison). Another aspect: a longitudinal study can test P6 by observing mid-career folks – those that had structured re-discernment (maybe those who went through MDLT training might be more likely to pivot successfully in their 30s). We might partner with organizations or use existing panel studies like NSSE (for student

engagement) or add custom items to alumni surveys many colleges do. The benefit is seeing if MDLT effects persist: e.g., do MDLT grads report more stable yet fulfilling career paths 10 years out compared to others? It's ambitious but doable with strategic planning and collaboration among institutions.

(v). **Mixed-Methods Realist Evaluation in Pilot Programs:** As MDLT is implemented in specific pilot sites, a combination of quantitative (some of the measures above) and qualitative data can be collected. A realist evaluation methodology would involve initial program theory, then data collection to see what works for whom, iterative refinement. For instance, we might find that MDLT programming has a huge effect on first-generation college students (maybe because it gives them a sense of meaning that helps them persist against odds), but a smaller effect on students from families who already guided them towards a stable path. Or maybe it helps undecided majors a lot, but students who came in decided (like pre-med since age 10) might not change much (though they might benefit in formation). Understanding these patterns helps tailor the approach: perhaps more intensive discernment is needed for one group, while another needs more emphasis on breadth of exploration to challenge prematurely fixed ideas. Mixed-methods also ensure we don't just get numbers but context – e.g., a survey might show similar purpose growth across ethnic groups, but focus groups might reveal cultural differences in how purpose is expressed (one group might talk in terms of community duty rather than individual mission). The research team can then refine definitions and training accordingly.

(vi). **Theological and Philosophical Refinement:** While not empirical per se, further scholarly work examining MDLT in light of theological and philosophical perspectives is part of the research agenda. Engagements with, say, other religious traditions on the idea of calling (how would MDLT look in a Jewish or Muslim educational context?) or secular humanist critiques (is "mission" just rebranding of self-actualization, etc.?). Comparative theoretical work can strengthen MDLT's foundation. For example, dialogue with classical philosophy of education: how does MDLT resonate with Aristotelian eudaimonia (flourishing) or Dewey's idea of integrating education with experience?

(vii). **Technological Tools for MDLT:** Research can also look into how technology can facilitate MDLT. Perhaps development of e-portfolio systems specifically designed for mission alignment, or apps that prompt students with reflective questions, or AI-based mentors. Studying their effectiveness would be a part of innovation. Emerging hub-based approaches offer a concrete pathway for MDLT diffusion. Sangwa et al. (2025) propose a decentralised network of industry-linked learning hubs that "localise global missions" while maintaining rigorous, competency-based assessment. Their foresight modelling indicates that such hubs can reduce per-student infrastructure costs by 34 % and triple access in low-bandwidth regions—insights directly relevant to MDLT's scaling agenda.

(viii). **Organizational and Policy Research:** We should study how institutions adopt and sustain MDLT. What leadership is needed? Does it require specific policy changes (like credit for service experiences, different faculty reward structures to value mentoring)? Case studies of institutions undergoing transformation toward MDLT could yield lessons on change management in education.

(ix). **Interdisciplinary Collaborations:** Because MDLT touches psychology, education, theology, sociology (community aspect), we envisage interdisciplinary research teams. For example, psychologists can measure meaning, educators track academic outcomes, theologians ensure fidelity to calling concepts. Research agenda includes building such collaborations, maybe through centers for vocation in education, etc. Possibly one could seek funding from foundations interested in character education or purpose (Templeton Foundation has funded purpose research, for instance).

(x). Cost-Benefit and Feasibility Studies: Cost–benefit modelling suggests mission-driven advising adds roughly 0.5 staff FTE per 250 students, yet pays for itself: retention gains of just 3 % yield net

tuition revenue of USD $180 K in a mid-size college, while Gallup-Purdue index data link purpose-supportive environments to 1.4× higher alumni giving. Moreover, purpose-rich programs halve the odds of student depression (Yeager et al., 2019), reducing counselling costs.

In summary, the research agenda for MDLT is rich and necessary to move from theory to evidence-based practice. It spans immediate experimental studies (small-scale interventions to test certain propositions), medium-term program evaluations, and long-term tracking of life outcomes. Each study will help answer skeptics, refine the model's predictions, and adapt MDLT to diverse educational ecosystems.

10. Applications and Adaptation

MDLT's principles can be flexibly applied across different educational contexts and adapted for various audiences, both faith-explicit and secular. Here, we discuss how MDLT might be implemented and tailored in a range of settings: K–12 schools, higher education institutions, and workforce development or corporate training, with consideration of differences between faith-based environments and pluralistic ones.

10.1. Faith-Explicit Contexts (Religious Schools/Colleges): In overtly faith-based institutions (e.g., a Christian university, seminary, or a religious high school), MDLT can be integrated with the institution's spiritual formation activities. These contexts have the advantage of being able to speak openly of "calling under God," use scripture as part of curriculum, and engage in communal prayer for discernment. For example, a Christian liberal arts college might establish a "Center for Calling & Career" that partners with both the chaplain's office and academic advising. It could require each student to take a course on *Kingdom Vocations* that theologically explores work and calling, while also providing tools like spiritual gifts assessments and theological reflection on one's major. Chapel services might occasionally focus on vocational testimonies (seniors sharing how they discerned their callings), reinforcing the culture of calling. An adaptation in such settings is to ensure that *theological accuracy* is maintained: MDLT must align with doctrines (e.g., avoid implying that salvation is through vocation, or that those with more high-profile callings are "more spiritual" – all work unto the Lord has dignity). In these environments, *community confirmation* can include church affirmation (for instance, a pastoral reference might be part of the portfolio, or the college could involve local ministry leaders in mentoring students). One possible critique from within faith settings is that MDLT could become too individualistic ("my personal calling" vs. the collective mission of the Church). Therefore, adaptation will stress that personal mission is always in context of serving the community and fulfilling God's larger mission; communal discernment is integral (maybe group discernment retreats or prayer partners are assigned).

10.2. **Secular Contexts (Public Schools/Universities, Workplace Training):** In secular settings, we translate "under God" into language of personal purpose, societal contribution, and meaning. Public high schools, for instance, could adopt a "purpose-driven curriculum" component in advisory periods or as a project in an English or social studies class (*"Who am I and what do I want to contribute?"*). Some U.S. school districts have begun experimenting with "profile of a graduate" frameworks that include purpose – MDLT can align with that. Teachers might need training to discuss existential questions in a pluralistic but supportive manner (e.g., encouraging purpose exploration without imposing values). Instead of calling i*t "discernment,"* one might say *"reflection and goal-setting."* A concrete application in K–12 could be requiring each student to do a "Personal Project" (as in the IB Middle Years Programme) where they choose an issue they care about and do something about it – guiding them to find what issues light a fire in them. At younger ages, adaptation might focus more on exploring interests and virtues (elementary kids might explore "helpers in our community" and what they like to do, planting early seeds of thinking beyond themselves).

In public universities, career centers and academic advisors can integrate purpose questions. For instance, the University of Michigan's "College Student Life Purpose" initiative or Stanford's "Life Design Lab" – these are real examples akin to MDLT, showing secular institutions see the need (GGIE, 2025). MDLT can build on the design-thinking approach to life planning (popularized by Stanford's "Designing Your Life" course) by adding emphasis on alignment of values and skills with career. To adapt, one might focus heavily on evidence: citing research that purposely correlates with academic success and mental health (GGIE, 2025) to get buy-in from skeptical faculty who might see it as fluff. The language should also be inclusive: talk about "making a difference," "personal mission," or "long-term aspirations" rather than "calling" if that term feels religious (though "calling" has secular usage now too). One potential friction is that secular contexts prize student autonomy and may be wary of anything that looks like directing students' values. MDLT, properly implemented, doesn't impose a particular value beyond encouraging contribution; it's student-centered in that the student defines their mission (within ethical bounds). Emphasizing that alignment tends to improve outcomes can appeal to administrative goals like retention and student satisfaction.

10.3. **K–12 Adaptation:** Younger students are in identity formation stages. MDLT can align with developmental guidance curriculum. For instance, middle schools might incorporate career awareness with a twist: not just *"what do professionals do,"* but "what problems in the world interest you and how might you solve them someday?" High schools could incorporate portfolio defenses (some districts now require a *"Graduate Capstone Presentation"* – a place to integrate mission). If a public high school is in a community with distinct cultural values, MDLT can be adapted to that – e.g., in a collectivist culture, mission might be phrased as *role in community* rather than individual passion. It's crucial to include family in K–12 MDLT; many high schoolers make choices influenced by family expectations. MDLT in that setting might have family nights for discussing students' strengths and goals, creating a shared vision that respects family input (community confirmation) while championing the student's own emerging call. Also, K–12 adaptation must consider equity intensely: not tracking lower-income kids away from big dreams just because they lack exposure. Actually, MDLT could be a great equalizer: helping all students envision a purposeful life, not only those whose parents groom them for it.

10.4. **Higher Education Adaptation:** We've covered a lot in earlier sections, but to add: MDLT might look different in a small liberal arts college (where it could permeate the whole experience as described) vs. a large research university (where it might be an honors college or a specialized program at first, given scale challenges). Large universities might implement MDLT elements through the advising system and co-curricular programs (learning communities focused on service, etc.). Professional schools (like law, medicine, engineering) can adopt MDLT by encouraging specialization toward causes (e.g., law schools having tracks for public interest law for those called to justice, etc., and reflecting on that calling during school). In medical education, which historically has a sense of vocational ethos, MDLT might involve giving med students space to articulate why they entered medicine (to heal underserved, to advance science, etc.), and making sure their training plan includes experiences in line with that (like if one feels a calling to global health, incorporate overseas rotations). Right now, professional burnout is high; MDLT adaptation in such schools could alleviate burnout by reconnecting students to purpose amidst a grinding curriculum.

10.5. **Workforce and Corporate Training:** MDLT principles can extend to employee development and adult learning. Companies are increasingly interested in employee engagement and meaning (some have "purpose workshops" for employees to align personal values with company mission). A corporation adapting MDLT might have managers discuss with employees their personal career mission and see how their role can be shaped to better fit (which could improve performance and retention [Gallup & WWF, 2024]). For example, within a company, an employee

who sees their mission as mentoring others could be given opportunities to train new hires, benefiting both employee and organization. Workforce development programs (like community job training) can incorporate MDLT by not only teaching skills but also helping trainees identify what type of work aligns with their talents and gives them satisfaction, rather than just shuttling them into any job. This could improve job placement stickiness (they'll stay employed if it's a better fit).

10.6. **Lifelong Learning and Career Transitions:** Another adaptation – MDLT can serve adults in career transitions or retirees seeking their "encore" career. Nonprofits and career coaches can use MDLT's constructs to guide mid-life professionals to re-evaluate their gifts and mission for a second career (there's literature on "calling" among older adults and how pursuing a late calling yields fulfillment [Gallup & WWF, 2024]). Churches might run vocation groups for mid-career congregants using MDLT framework – blending prayer and practical discernment for changing jobs or ministries.

10.7. **Cultural Adaptations:** Globally, how would MDLT apply in, say, an Indian context or an African context? The theology of calling can be contextualized to different religious backgrounds (the concept of *dharma* in Hindu philosophy is akin to vocation; in Islam, the idea of service and one's God-given path could connect). Secular but collectivist cultures might focus mission on family and society (for example, in some East Asian contexts, one's mission might be framed in terms of familial duty or national development). MDLT's flexibility allows that – the core is aligning education with a meaningful end, which might be defined differently. Research would need to see what language resonates – maybe "life goal" or "contribution" is better phrasing in some languages. The table format for theories might change because, for instance, Confucian-based education historically did have a telos (moral character and societal harmony) – MDLT in such a context might actually be reasserting a traditional telos in modern schooling that lost it due to exam focus.

10.8. **Technology and Online Education:** If education is online or hybrid (as is increasingly the case), MDLT can adapt by using e-portfolios and online mentoring (there are platforms that connect students to mentors anywhere). Purpose-driven MOOCs could be developed – e.g., an online course in "Designing Your Life Mission" that students globally can take as a supplement to their technical studies. This democratizes access to discernment resources beyond campus.

In all these adaptations, the key is maintaining MDLT's integrative nature (knowledge + purpose + competence + virtue) while fitting the discourse and structures of the context. We must also train practitioners (teachers, mentors, coaches) in these contexts to adopt the mindset – a big teacher professional development task, but one that could reignite teachers' sense of calling too (teachers often join the profession with a mission to influence lives; MDLT acknowledges and supports their mission as well, ideally making teaching more fulfilling).

Ultimately, MDLT is not a rigid program but a paradigm. Its application can range from a single classroom practice shift (e.g., a teacher regularly connecting lessons to students' interests) to a whole-institution redesign. By sharing successful adaptation examples (like a case of a public school that improved outcomes via MDLT approach, or a company that increased employee engagement through purpose alignment programs), others can learn and be encouraged to try. Adaptation is iterative: initial efforts might be modest, but as evidence of success grows, broader adoption can occur, potentially leading to an educational culture where talk of purpose and mission is as commonplace as talk of skills and grades.

11. Anticipated Critiques and Responses

Innovative theories inevitably face critique. Anticipating these and responding thoughtfully is crucial for MDLT's credibility and refinement. We address four likely critiques: (1) the charge of individualism, (2) concerns of theological bias, (3)

questions of feasibility, and (4) challenges of measurement.

Critique 1: "Isn't this overly individualistic? Not everyone's education can be centered on *personal* mission without neglecting social needs. Also, might MDLT encourage self-centered 'follow your passion' thinking at the expense of communal values or hard obligations?"

Response: This is an important concern. MDLT explicitly aims to transcend a self-serving notion of purpose. Accordingly, MDLT defines *illicit mission* as any life project that violates basic moral goods such as human dignity or ecological stewardship; such trajectories are normatively excluded. Requiring community confirmation further ensures that discerned missions are vetted for social value, thereby offsetting hyper-individualism. The theory's constructs of *Community Confirmation* and *Stewardship* are designed to tether individual mission to community and others' good. We agree that an education solely about "my personal dream" could slide into narcissism or ignore the interdependence of society. MDLT, however, frames mission as inherently about contribution beyond the self. It is not "do whatever makes you happy," but "discover what you are equipped to contribute and where you are needed." We root this in the theological idea that gifts are for the common good 1 Cor 12:7 and in secular terms via research that purpose correlates with prosocial orientation (GGIE, 2025). In secular frames, the gift-lists of Romans 12:6–8 and 1 Corinthians 12 parallel contemporary strengths-based education (e.g., CliftonStrengths) and role differentiation research; thus MDLT functions without requiring theological assent, yielding human and civic goods in any worldview. Practically, MDLT's curriculum can emphasize empathy, problem-solving for others, and humility – counteracting egocentrism. For instance, students are guided to identify problems or communities they care about, not just personal fame or wealth goals. The use of mentorship and community feedback ensures students hear perspectives beyond their own. Additionally, MDLT does not say *everyone decides in isolation* – rather it's a community-engaged discernment (mentors, peers, societal needs all shape one's mission). Notably, secular institutions already adopt MDLT principles: Stanford's *'Design Your Life'* course and the University of Michigan's *'Purpose Lab'* use non-religious language yet follow identical discern-align-act cycles, illustrating worldview portability. Another angle: Historically, a telos-driven education was common in more communal societies (e.g., training for roles to serve one's people). MDLT actually revives a sense of *communal responsibility*, in contrast to some current systems that either treat students as cogs or as consumers. Empirical response: initial studies show that purpose development programs increase students' charitable activities and concern for others (GGIE, 2025). If needed, we can incorporate group mission projects to further balance the individual and collective (e.g., students could form mission teams around a shared cause). Thus, while MDLT does personalize learning, it does so in a way that channels personal identity toward social contribution, hopefully producing graduates more committed to society than those who simply chased grades. We will continuously message that a "mission" is not a selfish ambition but a responsibility to something bigger.

Critique 2: "MDLT is grounded in a specific theological worldview. Isn't it biased towards religious (especially Christian) conceptions of vocation? Can it truly be universal or neutral in a pluralistic education system? Non-religious educators might distrust talk of 'calling.'"

Response: MDLT's origin is indeed in a Christian understanding of calling; we don't hide that. But we argue that its core principles have analogues in many worldviews and that it can be translated (via *common grace* as discussed) into secular terms without losing efficacy. The concept that people seek meaning in their work and learn better when education connects to that meaning is well supported in secular research (GGIE, 2025). Terms like "purpose," "passion," or "cause" can stand in for "calling" in secular contexts. We consciously avoid proselytizing in public settings – MDLT is about helping each student find *their* guiding purpose, not imposing a particular religious aim. We also note that MDLT resonates with humanistic psychology (Maslow's self-actualization, Frankl's will

to meaning) and with progressive education ideals (Dewey believed education should connect to the student's own life goals and societal contribution). We can cite those traditions to show it's not narrowly sectarian (Schuelka & Engsig, 2020). That said, if a school or teacher has a different philosophical stance (say a Marxist educator might argue collective liberation is the purpose of education), MDLT can flex – a student's mission could well be collective political action, which MDLT would support if it aligns with their passion and context. We emphasize that MDLT doesn't require belief in God; it works as long as one believes humans benefit from having an overarching purpose. Many secular thinkers do. To ensure balance, in secular adoption we suggest inclusive activities (e.g., reflection could involve personal values but also reflection on how one's values connect to humanity at large). We also encourage research in non-Christian contexts (like we'd love to collaborate with a Buddhist-inspired school to see how MDLT aligns with their concept of *dharma* or right livelihood). Theologically, the theory is presented modestly – it's not claiming divine revelation, but a model that can integrate into various worldview frameworks. In plural classrooms, one could invite students to frame their mission in their own philosophical/religious terms: one student might say *"I feel called by God,"* another *"I deeply want to improve lives,"* and that's fine. The proof will be in outcomes: if MDLT yields benefits for students of all/no faiths (which early evidence e.g. from Bronk or Damon suggests it does [GGIE, 2025]), then practitioners will see it's not about indoctrination but about human flourishing.

Critique 3: "Is MDLT realistic on a broad scale? Many educational institutions are stretched thin – large class sizes, heavy content requirements, diverse student bodies. Providing personalized mission coaching and reorganizing curriculum sounds expensive and time-consuming. Will it work for all students, or only those already privileged or motivated? What about students who just need a stable job ASAP rather than abstract mission?"

Response: Feasibility is a legitimate concern. We acknowledge MDLT is an ambitious model. However, we believe elements can be phased in without massive expense. For instance, incorporating reflective assignments or purpose discussions in existing classes costs little, and mentorship can sometimes be provided by volunteers (alumni, community members) if organized well. Also, consider the cost of *not* addressing telos: disengagement, dropout, mental health crises – these have huge economic and social costs that MDLT could mitigate (Weissman, 2024). So there's a trade-off: upfront investment in purpose development may save costs of remediation or low completion later. For content-heavy curricula, MDLT doesn't remove learning content – it reorders it. Some content might be delivered more efficiently if motivated (a student with a mission will often go deeper on their own initiative). In large classes, perhaps technology (online reflection forums) can handle scale. We have examples of scalability: for instance, Gallup's StrengthsFinder is used in some big universities to give every student insight into their talents – that's one piece of MDLT (giftedness awareness) already being done widely. We can build on such existing initiatives. For students with urgent economic needs, MDLT aligns with getting a job by helping them find a sustainable path *that also* is meaningful. It's not a luxury to want purpose; research indicates even those in poverty find better resilience when they have purpose (GGIE, 2025). We can adapt language to be pragmatic: talk about "career goals and personal goals alignment" may resonate more with those anxious about income. MDLT is flexible: some students' mission may simply be "to lift my family out of poverty through a stable nursing career" – that is a valid mission and we'd help them align learning to that noble goal (while perhaps also expanding it to include how their nursing helps the community, giving it dignity and meaning beyond just income). Another aspect: MDLT doesn't necessarily demand extra hours of class; it's more about pedagogy. For example, you can teach writing by having students write about their life goals – you still teach writing skills, but through a personally meaningful topic. That's an MDLT pedagogy with zero extra cost. Institutional commitment does help (like smaller student-to-advisor ratios), but improvements can be incremental (maybe start with a pilot group or single department). Also, peer mentoring can scale personal attention; train

juniors/seniors to mentor freshmen on purpose – this adds minimal cost but leverages existing human resources (and mentors themselves solidify their calling by guiding others). Regarding working with all students: evidence shows benefit across achievement levels (often students at risk benefit *more* from sense of purpose because it ignites motivation that academic skills alone didn't) (GGIE, 2025). We would certainly monitor if any sub-group lags and adjust (maybe some need more basic support before engaging in high-level reflection – so MDLT wouldn't replace tutoring for basic skills; it would complement it by providing the "why" to push through difficulty). Feasibility is partly about will – educational change is slow, but pockets of MDLT already exist (service-learning, capstones, etc.). MDLT organizes and builds on them. We can point to exemplar schools (like those with strong vocation programs or innovative advisories) to show it's doable. Ultimately, our response is: start small (one course, one cohort), gather data showing it helps (e.g., pilot group sees higher retention), then leverage that to expand. That's more realistic than flipping an entire system overnight.

Critique 4: "How can you measure things like mission or alignment rigorously? Isn't this theory hard to empirically validate due to subjective terms? If one can't reliably assess outcomes, it risks being seen as soft or unaccountable in an era that demands data. Also, might it lead to forcing students to declare a mission too early just to satisfy some measure?"

Response: Measurement is indeed challenging but not insurmountable. In our Measurement Framework section, we outlined specific instruments and indicators (Abouras, 2021; Romans 12:6-8). Fields like positive psychology and vocational psychology have developed reliable scales for purpose, calling, and person-job fit (Dobrow et al., 2023; Abouras, 2021). We can adapt those and also use mixed methods to triangulate. We acknowledge that no single number can capture "mission alignment" perfectly, but a combination of self-reports, behavioral data (like persistence), and third-party feedback can give a valid picture. We treat measurement as a tool for improvement, not for pigeonholing. On the risk of premature commitment: MDLT actually emphasizes *seasonality* precisely to avoid locking someone into a "purpose identity" that might be youthful whim. Our approach encourages exploration (breadth) before focus (depth). Any measurement of mission clarity early on is used formatively (to counsel students further), not summatively to grade them. We would caution practitioners that if a student doesn't have a clear mission yet, that's okay – the goal is to increase clarity over time, not to check a box at age 18. It's analogous to how we handle undecided majors – MDLT just gives them more support to decide well. Regarding accountability, MDLT can align with broad outcomes schools care about – engagement surveys, alumni career data, etc., which are measurable. If a college implements MDLT and then sees, for instance, alumni giving or satisfaction rise because alumni feel their education truly mattered to their life, that's a measurable success many administrators would celebrate (albeit indirectly measuring alignment). We'll continue to refine quantitative indices (like the Mission Alignment Index discussed) and validate them against criteria like performance and health. By publishing research on these metrics (with evidence of reliability and predictive validity), we can answer the measurement critique head-on. In short, while concepts like purpose are subjective, social science has made progress in quantifying them meaningfully (e.g., life purpose has predictive validity for longevity [Martela et al., 2024]). We leverage that progress. We also remain open to qualitative assessment as part of the picture, especially for personal growth – the key is triangulation.

Other potential critiques might include: *"Is MDLT just repackaging old ideas (like liberal arts' focus on character)?"* – We'd say it integrates old wisdom with new structure, which is a strength, not a mere repackaging. *"Could MDLT inadvertently devalue certain necessary but mundane learning (like basic skills) because they seem unrelated to a lofty mission?"* – We would respond that part of stewardship is recognizing sometimes you must learn things that are foundational or discipline the mind; MDLT doesn't mean you only ever do obviously exciting tasks, but even mundane tasks can be reframed

as tools towards your mission (giving motivation to do them well).

In conclusion, we believe these critiques can be met with careful clarification and empirical backing. MDLT is not a panacea or free from challenges, but with transparent dialogue and continuous improvement, it can robustly contribute rather than harm. Engaging critics will improve the theory – for instance, the critique on individualism sharpened our emphasis on stewardship and community, making MDLT stronger and more balanced. We welcome ongoing debate as part of the scholarly process to refine this theory.

12.Limitations and Future Work

No theory is without limitations, and it is important to acknowledge where MDLT may have constraints or require further development. We also outline areas for future work to address these limitations and expand the theory.

12.1. **Theoretical Limits:** MDLT is a broad integrative framework, which means it risks being *too general or idealistic*. One limitation is that it draws from multiple disciplines (education, psychology, theology), and in doing so, it may not capture the full depth of each. For example, our treatment of "formation" draws on virtue ethics and character education, but MDLT doesn't detail which virtues or how exactly they develop in various contexts – that is a whole sub-theory in itself. Similarly, "giftedness" is conceptually included, but the theory doesn't delineate different types of gifts (e.g., cognitive vs. artistic vs. interpersonal) and how they interact with learning. This could make the theory seem somewhat *amorphous* until further specified. Future work can refine sub-constructs: e.g., develop a clearer taxonomy of gift domains and how each might align with educational pathways (like STEM gifts vs. empathetic gifts, etc.), or elaborate stages of calling discernment development (perhaps adapting from Erickson or Marcia's identity stages). Another theoretical limitation is that MDLT currently presumes a *benevolent alignment* (i.e., that a person's mission is prosocial); it doesn't consider the scenario of someone feeling "called" to a harmful or unethical pursuit (extreme case, but e.g., a cult leader thinks he has a calling). The theory would struggle there because we baked in an assumption of positive contribution. So, we might need to articulate normative boundaries: MDLT is about *morally and socially constructive* missions.

12.2. **Empirical Limits:** Empirically, much of MDLT is yet untested. It synthesizes evidence from related constructs (purpose, calling, etc.), but the integrated model (with its interactions and longitudinal cycles) hasn't been fully proven. There is a risk that some relationships are weaker or more conditional than we propose. For instance, it could turn out that *community confirmation* isn't as strong a moderator as we think except in certain fields or cultures – maybe some individuals with strong internal drive succeed without much external affirmation, contrary to P4 for them. If evidence shows exceptions, the theory will need to be adjusted to be more conditional (e.g., personal resilience might offset lack of community support in some cases). Also, measurement error and self-report bias could complicate validation; purpose is notoriously subjective and can be influenced by mood or wording. We must be cautious not to over-claim based on correlational studies. Another empirical limitation: MDLT's ultimate outcomes (like decades-long career impact) are hard to track; so evidence might remain partial for a long time. We will likely get intermediate outcomes (academic performance, immediate job satisfaction) sooner than proof of "stronger long-term contribution outcomes" (that could take many years to gauge and attribute causally). This means the theory will evolve over a long horizon as data comes in. Patience is needed, and openness to modification if, say, a proposition doesn't hold up.

12.3. **Population and Context Limits:** MDLT may not equally apply to all individuals or cultures. It has a bit of a Western individual-development narrative embedded. In some contexts, the idea of choosing one's mission is foreign or secondary to communal or survival priorities. For people in very dire economic conditions, pursuit of a "life mission" might seem like

a luxury – they may value education purely as a means to financial security. MDLT's response is that even they can have a mission (like to lift their family out of poverty, which is noble), but indeed if basic needs are unmet, self-actualization goals often recede (Maslow's hierarchy). So MDLT might have limited applicability until basic needs and a certain level of stability are achieved (scope condition: it presupposes an environment where one has some freedom to choose and aspire). That's a limitation in practice – though one could argue education's job is partly to open those possibilities. Similarly, in very authoritarian education systems or rigid national curricula, MDLT's flexibility might not be allowed. For example, a country with a standardized exam system leaves little room for personalized pathways; implementing MDLT fully there would be extremely difficult unless policy changes. Hence, MDLT might initially flourish more in flexible systems (liberal arts colleges, innovative schools) and face barriers in traditional large-scale systems. Future work: pilot MDLT elements in a variety of cultural settings and document necessary adjustments (perhaps writing culturally specific MDLT guides – e.g., "MDLT in Confucian contexts" – highlighting communal mission, duty to family, etc., as central).

12.4. **Practical Implementation Limits:** Even where there's will, not every teacher is equipped to be a mentor or every institution to restructure. A limitation is the assumption that educators can shift roles and that resources (time, training, partnerships) are obtainable. There's a risk of *"initiative fatigue"*: MDLT could be seen as one more thing on top of standards, etc., and without wholehearted adoption it might be superficially implemented (*"we added a mandatory purpose essay; box ticked"*) which might do little. Incomplete implementation can lead to dismissing the theory (*"we tried purposeful stuff for one week, nothing changed"*). We must acknowledge incremental adoption will yield incremental results. Future work includes developing clear implementation frameworks and perhaps certification or training for educators in MDLT approach (like a professional development series: "Mission-Driven Educator" training). Another potential limit: not all students respond positively; some might find it intrusive or stressful to be pressed about their mission (especially if they feel lost). MDLT must be careful to support without coercing. We need to research student experiences, especially those who struggle – maybe future refinement will yield multiple pathways, where some students take longer or need different activities (one might need more exploration, another might need confidence building).

12.5. **Interdisciplinary Integration Limit:** bridging sacred and secular goals may create tension in pluralistic groups (e.g., in a group project, one student's mission could be evangelism, another's could be promoting secular human rights – conflict could arise). MDLT doesn't fully delve into how to navigate conflicting missions in collaborative contexts. That could be a limitation if not addressed: education also must teach cooperation across different callings. Future work could consider MDLT at group or organization level: how do teams or companies manage multiple personal missions within them? That's beyond current scope but relevant to future expansions (maybe integrating MDLT with team-building theory to ensure synergy, not chaos, of missions).

12.6. **Future Refinements of Theory:** We foresee refining MDLT by possibly incorporating *narrative identity* theory – the idea that people form a story of their lives. Mission could be framed as a narrative thread; research into narrative development may enrich MDLT's understanding of how students internalize their mission over time (and how educators can help them edit their story towards hope and purpose). Another refinement area: *Failure and Redirection*. Our conceptual model is positive and linear, but life includes failure, confusion, and red herrings. Future MDLT versions should incorporate how encountering setbacks or a "false start" mission is handled (we touched on re-discernment, but more could be said – perhaps categorize common pitfalls and how to overcome them, e.g., an early passion that fades and how to reorient without feeling lost).

12.7. **Future Work Directions:** ***(i). Policy Engagement:*** Work with educational policymakers to embed purpose metrics or pilot programs in broader

initiatives (like linking MDLT with national goals around student well-being or career readiness). ***(ii). Technology Integration Research:*** As mentioned, exploring digital tools for MDLT (e.g., AI career advisers that align suggestions with a profile of mission) – future collaboration between computer science and education researchers could innovate here. ***(iii). Longitudinal Mixed-Methods Studies:*** Combine surveys, interviews, and perhaps physiological measures (stress hormones? Brain scans on motivation? If one wanted to get very granular) to see how purpose engagement might even correlate with health metrics. ***(iv). Cross-Theory Dialogue*****:** Compare MDLT with other holistic education frameworks (like Montessori or Waldorf at K–12, which also have implicit telos – maybe virtue or spiritual growth). Future scholarly work can analyze similarities and differences, possibly integrating useful components from each. ***(v). Addressing Limits of Access:*** If MDLT requires certain resources, future work could include developing open-access curriculum materials so any school can try some aspects at low cost (e.g., a downloadable "purpose journal" template for students, or free online mentor training videos). ***(vi). Alternate Pathways:*** Recognize that some individuals find their mission outside of formal education (e.g., dropouts who then pursue a calling successfully). MDLT might learn from those cases to understand if formal education can adapt to them or if some out-of-system experiences are needed. Maybe future MDLT includes bridging experiences like gap year or community work – research on those could inform mainstream adoption.

In acknowledging limitations, we keep MDLT humble and evolving. It is not a one-time finished product, but a direction. The future work outlined aims to strengthen empirical support, refine theoretical nuance, and widen practical applicability. By openly recognizing where MDLT might fall short or need caution, we improve trust with educators and stakeholders, and we invite collaboration to address those areas. In this spirit, we see MDLT as a living theory that will grow through iterative cycles – much like the seasonality it preaches for learners, the theory itself will go through cycles of evaluation, feedback, and realignment with truth and context.

13. Conclusion

Education stands at a crossroads, with mounting evidence that students yearn for meaning and direction in their learning experiences (Levasseur, 2019; Bay, 2024). In this manuscript, we have proposed **Mission-Driven Learning Theory (MDLT)** as a comprehensive response to the deficit of *telos* in prevailing educational paradigms. By centering the learning process on a discerned life mission, MDLT offers an integrative ordering of knowledge, skills, and personal development toward a purpose beyond the self.

We began by identifying the misalignment problem: traditional theories like behaviorism or cognitivism optimize techniques and outcomes but leave the ultimate aims of education implicit or external. This gap has contributed to student disengagement, drift between formal study and career paths, and a sense of aimlessness among graduates (Levasseur, 2019; Weissman, 2024). MDLT addresses this by explicitly reinserting *telos* – the notion that each person has a unique contribution to make – into the heart of educational design.

Drawing on theology and philosophy, we grounded MDLT in the idea that individuals are *called* or oriented toward particular "good works" Eph 2:10 and equipped with gifts to fulfill them 1 Cor 12. Even when translated into secular terms, this teleological stance holds that education is most powerful when it serves the learner's *end* – when it helps a person become who they are meant to be and do what they are meant to do for society. We contrasted this with the prevalent instrumental view of education as merely producing workers or transmitting knowledge, arguing instead for a vision of education as *vocational formation* (in both the sacred and secular sense of *vocation*).

MDLT's conceptual model provides a scaffold for understanding how mission influences learning and vice versa. Discernment and experiences cultivate mission clarity; gifts and character formation enable competence; when clarity and competence meet, alignment occurs – and through alignment, learners

find persistence, well-being, and impact. We explained how this model can be visualized and, more importantly, operationalized. Each of the ten constructs (Mission, Calling Discernment, Giftedness, Formation, Competence, Alignment, Seasonality, Community Confirmation, Agency, Stewardship) contributes to a holistic picture of the learner not as a receptacle of information, but as a purposeful agent on a journey.

We translated the theory into six research propositions, inviting the scholarly community to test MDLT's claims – such as the role of mission clarity in academic persistence, or the effect of alignment on competence gains and satisfaction. These propositions are not just theoretical bets; they align with and extend existing literature on purpose-based education (GGIE, 2024; Yeager & Bundick, 2009) and provide a focused agenda for evidence-gathering in the years ahead.

In practical terms, we outlined a blueprint for implementing MDLT in educational settings. This *practice architecture* includes curricular innovations (e.g. mission discovery seminars, portfolios), a shift in pedagogy (teachers as guides and mentors), integrated co-curricular experiences (service-learning, reflective retreats), and structural supports (mentoring networks, checkpoints for reevaluation). We emphasized that these are not one-size-fits-all mandates but adaptable elements that can infuse an existing program with mission-centered practices. The example of a Mission Alignment Portfolio typifies MDLT's approach: rather than accumulating disparate credits, students produce a coherent narrative and evidence of their development toward a calling, synthesizing their learning in relation to their mission. The practice architecture also stressed *equity*, aiming to democratize access to the kind of purpose-development opportunities that too often are available only to the privileged. By building in mentoring and discernment for all, MDLT seeks to ensure that every student, regardless of background, can discover a sense of purpose in their education and feel that what they learn matters.

Measurement is a linchpin for both validating and continuously improving MDLT. We proposed a multi-dimensional Mission Alignment Index and allied measures to quantify constructs like mission clarity, alignment, and community confirmation. While acknowledging the challenges, we identified existing validated instruments and suggested new composite measures that can track the impact of MDLT interventions. Over time, such data will allow institutions to see, for instance, if students in an MDLT framework have higher engagement or alumni who lead more fulfilling careers relative to control groups – turning the intangible concept of "purpose" into observable trends and outcomes (GGIE, 2024; Gallup & WFF, 2024).

Our research agenda is ambitious yet feasible. It calls for realist reviews of related work, qualitative case studies of early adopters, quasi-experiments in programs integrating MDLT elements, and long-term longitudinal studies to follow learners into their careers. By engaging in this research, the education community can refine MDLT's model, learn under what conditions it flourishes, and address challenges (such as cultural adaptations or resource constraints) with evidence-based strategies.

MDLT's applications are far-reaching. We described how it can be adapted in faith-explicit contexts like religious universities, where talk of calling is native, and how it can be framed in secular contexts like public schools or workplace training, focusing on purpose and contribution. We considered K–12 through higher education and beyond, illustrating that MDLT is not limited to one type of institution or one stage of learning, but rather serves as a unifying paradigm that can connect education from adolescence through adulthood in a lifelong continuum of discernment and growth. The adaptability of MDLT across diverse settings – from a small liberal arts college to a large research university, from an inner-city high school to a corporate professional development program – underscores its conceptual robustness. At the same time, each adaptation requires sensitivity to language and local values, something we have acknowledged and provided guidance on.

Critiques of MDLT – concerning potential individualism, theological bias, feasibility, and measurement – have been raised and addressed. We have argued that MDLT, when properly implemented,

is deeply *communal* and *service-oriented*, not a narcissistic pursuit of self. It is *inclusive* and can operate within pluralistic values frameworks. It is *realistic* in steps even if aspirational in goal, and it strives to be *accountable* through measurable outcomes. These dialogues with potential critics are not just defensive moves but have constructively shaped the theory; they ensure MDLT is presented with necessary caveats and clarity, avoiding utopian gloss and instead positioning it as a disciplined, humane approach to education.

In closing, MDLT's primary contribution is in re-centering education on its ultimate purpose: forming persons for meaningful, competent, and impactful lives. It does so by offering a structured way to align the components of education – curriculum, teaching, assessment – with that purpose. Rather than knowledge and skills floating as disconnected means, they become anchored to an end. This integrative ordering role means that subject matter, personal growth, and societal contribution are not rival goals but part of one continuum of development. A student under MDLT might learn calculus not *just* to pass a test, but because she sees it as essential for her mission to become an engineer improving water systems in poor communities. Her technical learning, character (perseverance, ethics), and sense of calling all reinforce each other. Education thus becomes not a series of hoops to jump or facts to memorize, but a deliberate preparation for a life of significance.

The vision we set forth is admittedly bold, especially in an era fixated on immediate metrics and utilitarian outcomes. Yet, as our inquiry and the supporting literature indicate, incorporating *telos* is not a luxury – it is perhaps the missing piece that can bring cohesion to the fragmented educational experience. It speaks to the deep human need for meaning, which, when met, unlocks higher motivation, creativity, and resilience (GGIE, 2024; Parker, 2015). An education that tells students *why* their learning matters – and listens to *why* it matters to them – is one that can truly fulfill the promise of personal and social transformation.

The ultimate test of MDLT will be in the lives of learners and the fruits they bear in the world. If successful, we will see more graduates who are not only knowledgeable and skilled, but also guided by a clear sense of mission, able to adapt to life's changes without losing their direction, and dedicated to using their education in service of the greater good. In other words, we will see education accomplishing what it fundamentally should: empowering each person to become a steward of their gifts for a purpose-driven life.

We invite educators, researchers, and institutions to engage with Mission-Driven Learning Theory – to critique it, test it, and if found valuable, to implement it. The task of reorienting education around purpose is not simple, but the stakes are high. As we have argued, doing so holds promise for addressing many ills: disengagement, mental health struggles, the skills-purpose gap in the workforce, and the ethical drift of professional life. MDLT is offered as a framework to intentionally tackle these issues by restoring *telos* to its rightful place at the center of learning. It is, in essence, a call to remember that education is not only about making a living, but also about making a life – a life that responds to a calling and contributes meaningfully to the world.

In sum, Mission-Driven Learning Theory contributes a novel synthesis to educational theory: it is teleological at its core, holistic in scope, and practical in design. It bridges age-old wisdom about calling with contemporary educational practice. By aligning knowledge and competence with life mission, education can fulfill its highest role – not just to inform, but to transform, guiding learners toward *who* they are meant to become and *what* they are meant to do. This, we contend, is the guiding light education has been missing and which MDLT seeks to provide.

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